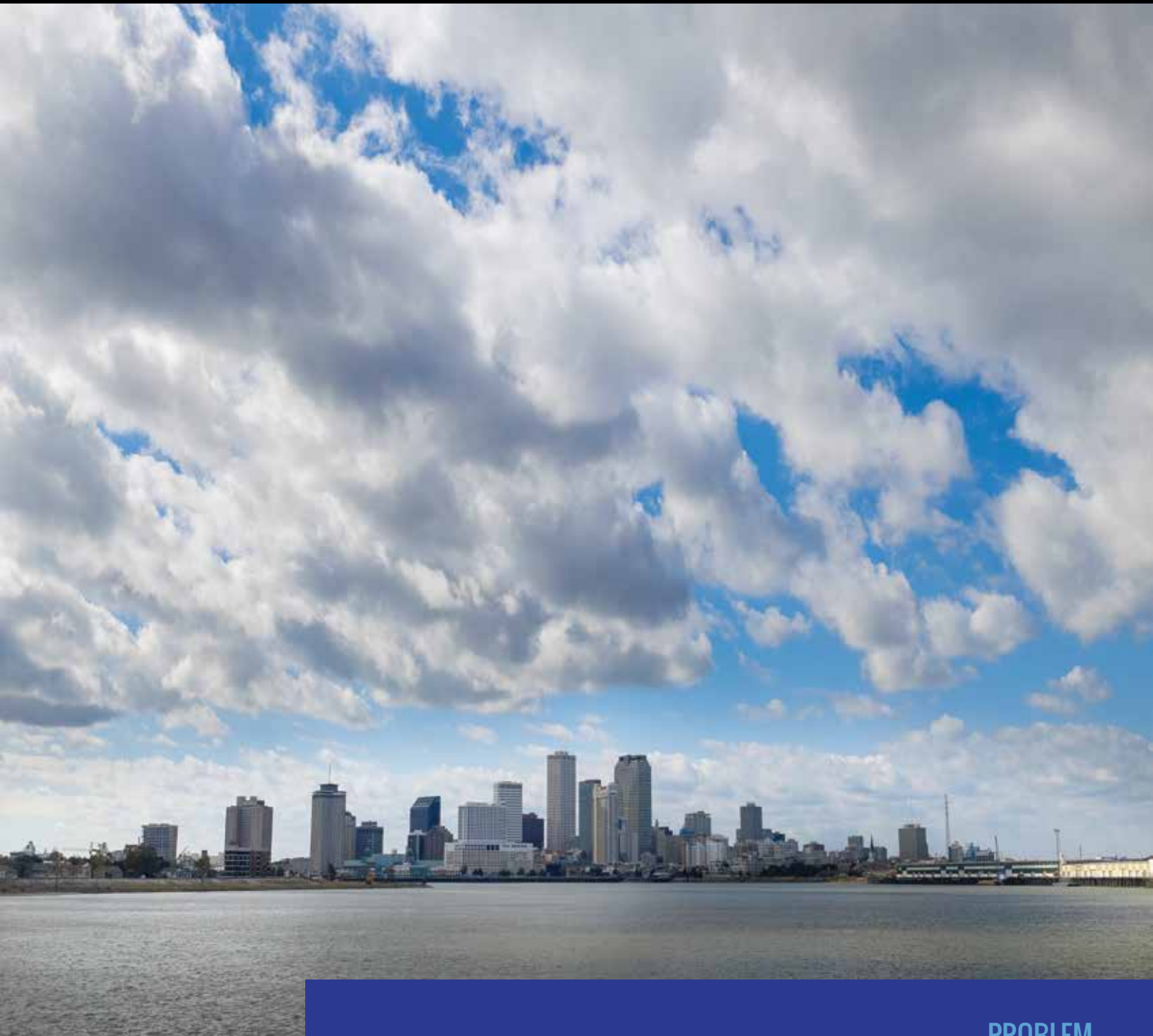




LOYOLA UNIVERSITY NEW ORLEANS
CERTIFICATE IN SOFTWARE DEVELOPMENT AND CODING

SUMMER 2017
JUNE 5 TO AUGUST 11, 2017
10-WEEK IMMERSIVE PROGRAM



PROBLEM

Local tech companies struggle to find qualified entry-level talent in Louisiana, while local talent needs jobs. Currently, there are an estimated 3,000 unfilled tech jobs in the state.



SOLUTION

The Loyola Certificate in Software Development & Coding bridges the “gap to workforce” for recent graduates by teaching them in-demand coding skills & connecting them to entry-level tech jobs. This drives both industry growth & local economic development.



program overview

The Loyola University Certificate in Software Development and Coding is an immersive 10-week “bootcamp” in software development for recent graduates, no matter their major or experience level with coding. This program bridges the gap between a liberal arts degree and a career and focuses on building a real-world portfolio of work to qualify graduates for entry-level tech jobs in many industries.

Our program works with employers in the Greater New Orleans area to identify the coding skills they need for entry-level positions, teach those skills through the program, then directly connect program participants to these companies, which are ready to hire. The program is taught in-person by local industry professionals from leading New Orleans-based software development studio LookFar. These practitioners bring real-world subject matter expertise to every module of the curriculum, which has been designed by our program partner Tech Talent South and tested across thousands of students in over a dozen cities.

Upon successful completion of the program in August 2017, students will receive the Loyola Certificate in Software Development and Coding, have developed a portfolio of work, and have positioned themselves for an entry-level position with a local technology company.

what you will learn

The program is designed to develop student skills in the following core areas:

- Build and design responsive webpages with core languages HTML & CSS
- Design faster webpages using front-end frameworks like Bootstrap
- Create web application frameworks with JavaScript
- Prototype database-driven apps
- Deploy custom-built applications to the web using cloud-based hosting
- Understand the difference between NoSQL and SQL-based databases, with basic SQL management and querying
- Integrate third-party APIs into an application and pull in data from sources like Google Maps, Stripe, and Facebook
- Apply the crucial skill of domain modeling resources and relationships in database-backed applications

Note: Curriculum is subject to modification.

apply now!

The initial round of applications is due by **December 16, 2017**. The first 10 students to submit an application and a deposit will receive a **\$500 tuition discount**. The application process includes completing an application of interest at bit.ly/loynocode17, followed by a series of pre-class exercises and a program orientation session.

For more information, please contact **Kate McCrery**, Program Manager of the Loyola Center for Entrepreneurship and Community Development, via email at kymccrer@loyno.edu or (504) 864-7926.

APPLY AT BIT.LY/LOYNOCODE17



for
recent
grads

IS THIS YOU?

You either have recently graduated or will graduate in May 2017 with a liberal arts degree in a major that you're really passionate about. You love what you studied, and you're looking for a way to use that passion, be creative, and design something that expresses who you truly are.

But you're also thinking about the future, and you're worried about getting a job or finding the right career path that lets you do everything you've dreamed of in a workplace. You're not sure what your next steps are, and in fact, you don't even know exactly what you want to do.

CODE YOUR WAY TO A CAREER

The Loyola Certificate in Software Development and Coding lets you apply the critical thinking skills from your liberal arts education, work in an environment that is fast-paced and creative, and build your career path in New Orleans. This program also connects you to local employers ready to hire entry-level talent like you.

Software development is a way for you to build creative solutions for a company, a client, and/or end users in many different industries, and entry-level positions at these companies are relatively well-paying. Also, most tech companies have many different roles that need both liberal arts and tech skills, so there is a lot of freedom to find a role you love.

This is your chance to have a global impact by staying local. A line of code can do amazing things—it can protect people, connect them, inspire them, and send them into space. Right now, it can get you a job. From there, you can do anything. **If you can write code, you can write your future.**

Software runs almost everything: from your car to Snapchat to elevators to the space shuttle. The role of software is rapidly increasing across all industries, and there are an estimated 3,000 unfilled tech positions in Louisiana.

Learning coding doesn't mean you can only be a programmer. Companies also need product designers, consultants, client-facing project managers, analysts, product sales teams, and other roles where you can use your creativity, your liberal arts skills, and the technical background you'll get through this program.

Tech companies exist in many different fields, where you can apply that passion that you had when studying your major—while also paying you a competitive salary. The national average salary for an entry-level software development job is \$55,000.

The skills taught in this program have been used to create companies like Google, Uber, Netflix, PayPal, eBay, Yahoo, Groupon, and more. These are also skills that tech companies in Southeast Louisiana are looking for in their candidates. **Bottom line: Learn coding, get connected to local employers, and find your career path to a job you love.**

potential
software
development
jobs



daily schedule

MONDAY-FRIDAY (10 WEEKS)

9:00 AM-11:00 AM	Lecture Session I
11:00 AM-11:15 AM	Break
11:15 AM-12:30 PM	Lecture Session II
12:30 PM-1:30 PM	Lunch Break
1:30 PM - 3:30 PM	Workshop/Studio & Office Hours

core curriculum

Front-End Web Development
HTML & CSS
Twitter Bootstrap
Front-end frameworks
JavaScript
Git and GitHub
Ajax
ES6, DOM API, & jQuery
Node
MongoDB
NoSQL & SQL
Angular
APIs
Testing and Deployment



Note: Curriculum is subject to modification. Specialization tracks are under development.

what can you build?

The curriculum is based on the MEAN stack, which is a collection of JavaScript-based technologies. These technologies have been used to build the following well-known companies, websites, and applications:

- PayPal & eBay
- LinkedIn
- Google
- Netflix
- Uber
- GitHub
- Yahoo
- Groupon
- Wall Street Journal Online
- MySpace





FAQS

Do I need previous experience in coding?

No previous experience is required. After completing your liberal arts degree, you should already have what you need to apply to the program: critical thinking and analytical skills from your core education, intellectual curiosity, and a desire to solve problems creatively.

You will need a laptop for which you have the administrator password. Other than that, we ask only that you fully commit to being immersed in the program for the 10 weeks, be proactive in classroom engagement with your fellow software developers and instructors, and make the most of every opportunity you see.

How is this program different from a free online course in coding?

We offer you what no online course can give you: in-person instruction from local technology professionals who are leaders in their field. This is a chance to apply your liberal arts degree, get an entry-level job with a lot of room for growth and creativity, and develop your professional network in New Orleans.

How much does this program cost?

\$6,999 for 10 weeks. (Similar programs nationally cost between \$9,000 and \$15,000.) The first 10 students to complete an application and submit a deposit will receive a \$500 tuition discount.

contact

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