ZACHARY ESPIRITU

I'M A SOFTWARE ENGINEER.

Education:

Regis High School, 3.7 GPA — Sep 2013 – Expected Jun 2017
Relevant Courses: Data Structures and Algorithms, 3D Modeling, AP Computer Science A, AP Statistics, Calculus I, Advanced Physics

Make School Summer Academy — Jun 2015 – Aug 2015
- Developed 3 iOS apps/games in under 8 weeks with no prior knowledge of Swift or iOS development
- Won the "Audience Choice" & "Student Choice Runner-up" awards at the end-of-program Demo Day

Experience:

Software Engineering Intern, Negotiatus — Jun 2016 – Aug 2016
- Built several HTML email templates; integrated w/plain text system
- Created a modular, user-facing notification system allowing notifications to be sent to any user with a single line of code
- Developed cron-like system where clients can schedule recurring orders, leading to increased expected monthly revenue
- Co-developed test suite from scratch for several thousand lines of code with over 70% coverage
- Built several web scrapers with natural language processing capabilities to automate proprietary processes covered by NDA, saving hundreds of hours of human labor

Teacher, The Coding Space — Mar 2016 – Jun 2016
- Taught K-8 students how to create their first coding projects using Scratch and Javascript

Marketing Intern, Flamingo — Oct 2015 – Dec 2015

Speech & Debate Coach, Holy Family School — Sep 2014 – Apr 2015

Featured Projects:

Math Battle — Oct 2015 – Aug 2016
iOS app where two players compete to solve math-based puzzles in real-time, online multiplayer battles; named one of "10Under20: Young Innovators to Watch" @ CEWeek 2016.

FitFarm — Jan 2016
Farm management simulator where players raise a farm through real-world exercise using HealthKit data; 3rd Place at hackTrin III.

Tile, Tap, Push! — Jun 2015
Open-source iOS game where two players race to tap a stream of tiles as fast as possible; over 3000 downloads on App Store.

Skills:

Languages: Swift, Objective-C, Java, HTML/CSS, Ruby, Javascript, Python, LaTeX

Technologies: Rails, Sass, PostgreSQL, MS Access, Alamofire, Mixpanel, Sketch, Firebase, Git

Activities:

RegisHacks, Organizer
Organizing Regis High School's first hackathon. Designed website.

Newspaper, Layout Editor
Designs print editions with Adobe InDesign; deployed new online format using custom WordPress theme.

Speech & Debate Society, Speech President
Nationally-ranked speaker in Oral Interp; 7th Place in Declamation at the NCFL Grand National Tournament.

Computer Science Peer Tutor
Teaches students HTML/CSS, database design, & Java.

Stage Crew, Crew Chief
Head lighting designer at high school for past 4 years.

Mock Trial, Founding Witness
Led team to placing Top 32 in the state of New York.

Want to learn more? You can see more of my projects here:

ZacharyEspiritu
http://zacharyespiritu.com
me@zacharyespiritu.com