

ZACHARY ESPIRITU

I'M A SOFTWARE ENGINEER.

Education:

Regis High School, 3.78 GPA Sep 2013 – Expected Jun 2017

Relevant Courses: Computer Science I (HTML / CSS), Computer Science II (Database Design, Java); Independent Studies: AP Computer Science A, Data Structures and Algorithms, 3D Modeling

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 – Present

- Developed HTML-enabled emails optimized for email client deployment, integrating them with previous plain text system
- Created a modular, user-facing notification system to replace previous dashboard modals, allowing notifications to be sent to users from anywhere in the backend with a single line of code

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

Asst. Forensics Coach, Holy Family School Sep 2014 – Apr 2015

Featured Projects:

Math Battle Oct 2015 – Jul 2016

Open-source iOS game where two players compete to solve procedurally generating, math-based puzzles; “Best UI Design” at Local Hack Day; winner of the 2015 Congressional App Challenge; named one of “10Under20: Young Innovators to Watch” @ CEWeek.

FitFarm Jan 2016

Open-source iOS farm management simulator where players raise their own farm through real-world exercise using HealthKit data collected via Apple Watch; 3rd Place winner at hackTrin III.

Tile, Tap, Push! Jun 2015

Open-source iOS game where two players compete against each other to tap a stream of white and black tiles as fast as possible; over 3000 unique downloads on the 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 Member
Witness. Placed Top 32 in NY.

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

 ZacharyEspiritu

 <http://zacharyespiritu.com>

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