

# ZACHARY ESPIRITU

## 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; recipient of the “10Under20: Young Innovators to Watch” award.

**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.

**Computer Science Peer Tutor**  
Regularly tutors fellow students on topics such as HTML/CSS, database design, & Java.


**School Newspaper, Layout Editor**  
Designs new print editions with Adobe InDesign; implemented 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.

---

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

 ZacharyEspiritu

 Zachary Espiritu

 <http://zacharyespiritu.com>

 [me@zacharyespiritu.com](mailto:me@zacharyespiritu.com)