

Ryan Peffers

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Education

University of California, Santa Barbara
Bachelor of Science in Computer Science

Graduated: June 2016

Experience

Northrop Grumman | San Diego, CA

Software Engineer II

Feb 2017 – Now

- Created a Java/JavaFX air vehicle simulated training environment that initializes the environment and lets instructors inject errors in real time for testing the operators grasp on handling real life scenarios
- Managed sprints, tasking, closing of large stories, and the clearing of impediments as the Scrum Master on Fire Scout's software team, the largest autonomous helicopter program in the United States
- Maintained the integrity of vital components on the Fire Scout air vehicle by fixing bugs in C++
- Ensured the reliability of the air vehicle platform by automating code coverage for the entire code base and writing requirement verification tests in Python
- Led the Fire Scout summer intern program providing technical guidance and managing the day to day responsibilities of up to 8 engineers for the past 3 summers

Hoop Ball, www.hoop-ball.com | Remote

Chief Front End Developer

Jan 2018 – Feb 2019

- Revamped the site's front end and implemented new features in PHP such as a rolling player news column, a landing site for premium customers, and a reorganized menu bar

National Rowing and Sculling League, Community Rowing Inc. | Boston, Massachusetts

Lead Developer

August 2016 – Jan 2017

- Created a ranking website using a LAMP stack for elite level international rowers that used statistical analysis to extrapolate a ranking from publicly available race results at National and International Regattas
- Designed, built, and launched the website from end-to-end using PHP, HTML, CSS, Javascript, and MySQL

UCSB Rowing | Santa Barbara, California

Student-Athlete, Website Officer, and Secretary

Sept. 2012 – Jun. 2016

- Elected Website Officer my Junior year and maintained the website's content with Wordpress
 - Elected Secretary my Senior year and was responsible for media outreach and newsletters
 - Over 25+ hours of practice and competition every week for all four years of college
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Projects

Contentant Android App

- Created an Android app in Java for people looking to buy a new home that lets them compare potential listings by storing photos the user takes and saving details about each home on device storage
 - Used Picasso for image viewing and implemented multiple activities for viewing and editing homes and rooms in the app
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Skills

- **Programming Languages:** Fluent: Python, Java | Proficient: C++, HTML, CSS | Familiar: PHP, MySQL, Javascript
- **Tools/Frameworks/OS:** SVN/Git/GitHub/Bitbucket, JavaFX, Wordpress, Linux/Windows/OS X
- **Applications:** Microsoft Visual Studio, Netbeans, Eclipse, OpenCppCoverage, Android Studio