


Tyler Wasniowski

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 27 North 6th St. APT #316

Objective




Software Engineering Internship: Expand my problem solving skills by working on a project that has a meaningful impact on the world.

Education

- BS: Computer Science
 - Expected Graduation: May 2020
 - GPA: 3.7
 - San Jose State University
- Relevant Courses
 - Data Structures and Algorithms
 - Object Oriented Design
 - Computer Architecture
 - Discrete Math
 - Linear Algebra

Skills

Tools

-  Version Control
-  Google Cloud Platform
-  Babel & Webpack

Frameworks / Libraries

-  JUnit
-  jQuery
-  play
-  Processing.js

Languages

-  Java
-  JS ES5, ES6
-  HTML/CSS

Experience

Software Engineering Contractor

John Wiley & Sons September 2017 - Present

Worked on a state restoration system for interactive elements for online textbooks using JavaScript. Created an HTML to PowerPoint converter using C# and Open XML SDK 2.5.

Research Assistant

Professor Horstmann May 2017 - September 2017

Used JavaScript to design and implement a system for recording and restoring the change in states of interactive elements on an existing code base that is used by thousands of students. Created a page to view recorded changes in states to study how students progress through practice problems.

Research Assistant

Professor Heller January 2017 - May 2017

Finished assembling the pipeline for CO-ARBitrator, a bioinformatics project to identify COI genes in the government non-redundant protein database using Java.

Computer Science and Math Tutor

College of Science Advising Center September 2017 - Present

Helped students understand math and computer science concepts (calculus, discrete mathematics, algorithms, data structures, object orientated design, computer systems, and Java). Showed students methods of and approaches to problem solving. Tutored both individuals and groups.

Projects

Team Violet

Chitwant Singh and Cyrus Javan April 2017 - May 2017

Worked with two other students to modify the Violet UML editor so that diagrams can be synced across devices. Designed and implemented the format of data transfer between clients using the command pattern.

Robot Auto Aiming and Firing

Prospect High School January 2016 - February 2016

Programmed a robot created by my high school's robotics team to aim and fire into a goal using image processing and Java.