Eddie Wang

eddiew@stanford.edu
Cell: (503) 351-5406
eddiew.net
github.com/eddiew

Profile

I'm the new kid on the block—not yet familiar with the inner workings of your organization, but quick to learn and definitely not without skills of my own. I've been coding for 6 years now, and until I arrived at Stanford this year, entirely self-taught. I'm looking for opportunities to collaborate with other brilliant engineers, and I hope that my work this summer will foster my personal growth and have an impact on the world. Someday, I hope to have enough industry experience to lead opportunities like this for others.

Experience

Web Hacker – TreeHacks (2014-Present)
TreeHacks is Stanford's national hackathon, to be held for the first time in early 2015. I'm part of a 4-person team that developed the application website (treehacks.com), and I'm also a co-developer of our coding challenge (cc.treehacks.com). I did full-stack work on both, using Node on the main site, Rails for the coding challenge, and Postgres on the back-end. We've had thousands of users on the main application site and hundreds go through the coding challenge.

Software Engineering Intern – Intel (Summers of 2013, 2014)
I was the lead developer for a suite of project management and automation web apps for Intel's server motherboard firmware validation team. Managers use my web apps to view crucial project info like development speed, defect frequency, and test coverage, and validation engineers use them to remotely execute firmware tests, view results, and track their progress. I integrated functionality from 3rd-party tools like Rational Team Concert and ClearQuest via APIs, and I built it using ASP.NET MVC and MS SQL. My web apps are currently being used by ~2 dozen managers and engineers.

Team Captain – FIRST Robotics Team (2009-2013)
I led the development of 10,000+ lines of C by 6 high school students and my team (FTC #3531) to the world championships 4 years in a row. For our software work, we followed the Scrum methodology and used Git for version control.

Technical Summary

Languages:	C, C++, C#, Java, JavaScript, Haskell, Ruby, Matlab, SQL, HTML, CSS
Skills:	Learning, Collaboration, Debugging, TDD, OOP Patterns, Scrum
Tools:	Git, Heroku, Node.js, Rails, Visual Studio, IntelliJ, Eclipse, Cygwin
Platforms:	Windows, Android, Web, Linux (Ubuntu), Arduino

Education

Stanford University (2014-present)
Pursuing Bachelor's of Science in Computer Science

Relevant coursework: Computer Organization and Systems, Design and Analysis of Algorithms, Machine Learning

Other

Eagle Scout – Boy Scouts of America

Founder – Spark Technology Education, an Oregon 501(c)(3) nonprofit organization dedicated to providing extracurricular STEM experiences to K-12 students.