

Eddie Wang

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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 last year, I was entirely self-taught. I'm looking for opportunities that will foster my personal growth and have an impact on the world, and I hope that one day I will be in a position to create opportunities like this for others.

EXPERIENCE

Software Development Intern – Intel (Summer of 2013, 2014)

I developed full-stack project management and automation web apps for Intel's server motherboard firmware validation team, collectively called the 'Validation Tools' suite. It enables managers to view crucial project info like development speed, defect frequency, and test coverage, and it provides a central hub for validation engineers to execute tests remotely and view their results. It links into 3rd-party tools like Rational Team Concert and ClearQuest, and I built it using ASP.NET MVC and MS SQL. During development, I followed the Scrum methodology and collaborated with developers based both on-site and in Poland.

Front-End Web Development (2013-2014)

I created personal websites with responsive layouts and graceful degradation. I designed and implemented deploy-time optimizations such as source file preprocessing, concatenation, minification, and compression via ruby scripts, and I created custom plugins and UI elements with JavaScript and JQuery.

Android Development (2012-Present)

I developed Android apps using Eclipse and Android Studio (IntelliJ IDEA). My projects involved the use of the Android Native Development Kit, OpenGL ES 3.0, and an assortment of 3rd-party APIs.

Team Captain – FIRST Robotics Team (2009-2013)

I oversaw the development of 10,000+ lines of C by 6 high school students, among other tasks, and I led my team to the world championship finals 3 years in a row. We followed the Scrum methodology and used Git for version control.

TECHNICAL SUMMARY

Languages: C, C++, C#, Java, JavaScript, Haskell, Ruby, HTML, CSS

Skills: TDD, OOP Patterns, Agile (Scrum, XP), Functional Programming

Tools: Git, Rational Team Concert, ClearQuest, Visual Studio, IntelliJ, Eclipse, Cygwin

Platforms: Windows, Android, Web, Linux, Arduino

EDUCATION

Stanford University (2012-present)

Pursuing Bachelor's of Science in Computer Science

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.