Dustin Ryan-Roepsch

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Skills

Working Knowledge:	TypeScript, AngularJS, .NET, Python, C#, C++, Linux
Proficient:	Java, C

Experience

Current — *Computer Engineering Teaching Assistant*
I help organize and administrate the lab portion of CPRE 185 at ISU. This lab uses both hardware and software to teach freshman students the foundations of computer science. Projects range from simple ASCII Art video games to dropping an Arduino off the top of a building and using the accelerometer to determine its height.

Microsoft Software Engineering Internship
Intern on the Visual Studio team, working on the customer feedback tool that is embedded in the Visual Studio client.

Winter 2018 — *Google Software Engineering Internship*
Backend web development on the Google Cloud Platform team, working on the Google Cloud Launcher website.

Summer 2017 — *Microsoft Software Engineering Internship*
Worked on the Outlook Destkop team working in a large legacy codebase to add a new feature to an upcoming release of Outlook.

Summer 2016 — *Rockwell Collins Manufacturing Co-Op*
Designed and implemented a system to manage inventory, using Microsoft Access and Visual Basic. This system keeps track of usage information, and sends logs via E-mail.

Summer 2015 — *Source Allies Inc Internship*
Developed an application used internally by HR Staff that utilizes Javascript, React.js, Java, Spring Hibernate, Liquibase, XSL-FO, and MySQL to reduce time required to format a resume from two hours to ten minutes.

Activities and Personal Projects

- Microsoft College Code Competition (ISU)
  - Competed in a team of three people to solve a range of programming problems as quickly as possible.
  - Received first prize.
- CHIP-8 Interpreter/Emulator
  - Allows you to execute programs written for the CHIP-8 programming language.

Education

May 2019	Iowa State University	May 2014	Hempstead Highschool
	Gpa: 3.28		Gpa: 3.86