

Joshua Kramer

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Education

Rochester Institute of Technology, Bachelor of Science in Computer Engineering, 3.75 GPA 2008-2013
Minors in Web Development and Electrical Engineering
Honors Program: Council Treasurer, Lead Orientation Mentor, and member
RIT Clubs: President and Vice-President of Running Club, President of Quidditch Club

Primary Skills

Additional Skills

AngularJS 1.5, Grunt, Karma/Jasmine, JavaScript/ES6, TypeScript, HTML, CSS/SASS, Git

PHP, Ruby, PhoneGap, NodeJS

Experience and Volunteering

Software Engineer, *Brand Networks*

2015-current

- Architect and implement a medium-scale AngularJS application for use by national brands to post across thousands of social media accounts at the same time.
- Assist with feature planning to determine the direction of the product.
- Responsible for accurately estimating future features so accurate quarterly roadmaps can be communicated to higher management.
- Critically consider paths other than the “happy path”, to ensure the user experience is always optimal.
- Introduced TypeScript to the project to take advantage of modern language features. This also reduces bugs due to type errors.

Core Volunteer, *Girl Develop It, Rochester Chapter*

2016

- Improved the curriculum of an Introduction to Git and GitHub, and taught a 2 hour paid class aimed at women wanting to join the software industry. Also taught this course to a group of 25 RIT first year women during an orientation program.
- Attend periodic planning meetings to help determine the direction of the chapter and plan future activities.

UI Developer, *EffectiveUI*

2013-2015

- Managed scope and expectations directly with client as senior AngularJS developer on multiple projects. Responsible for architecting new AngularJS and build environments and delivering completed builds to client.
- Proactively identify risks or problems and escalate as needed.
- Develop clean, well-documented code in HTML, CSS, and JavaScript for medium-scale web applications.
- Utilize tools such as Grunt, Karma, and Jasmine to automate testing and ensure stability and continued functionality.
- Address cross browser compatibility issues across operating systems and devices, while keeping accessibility in mind, to provide a consistent experience for all users.

Key Management Co-op, *National Security Agency*

2011

- Worked on the software team to build a randomizer for key generation.
- Wrote a module in C that facilitated inter-processor communication on a PCIe board.
- Overhauled the program flow of a module that checks how random a set of random data is.
- Completed a module to compute the Secure Hash Algorithm (SHA-2) hash of random data.

Relevant Links

<https://github.com/jkjustjoshing>

<https://stackoverflow.com/users/1143987/jkjustjoshing>

<https://joshkra.me>