Tyler Hallada

Contact Information	Greater Boston Area	tyler@hallada.net
	http://www.hallada.net	https://github.com/thallada
		(please email for phone number)

Technical Knowledge

Domains: Consumer & Enterprise websites, Web apps, APIs, Microservices, Developer tools, Test automation, Healthcare tech, Education tech, Web accessibility, Interface design, and Android

Languages: Python, JavaScript, Java, C, CSS, LaTeX, Scheme/Racket, Coffeescript, and HTML5

Libraries: Django, Flask, Elasticsearch, Twitter Bootstrap, PostgreSQL, SQLAlchemy, Backbone, React, Ractive.js, Meteor, Gulp, Node.js, Browserify, and jQuery

Applications: Git, SVN, Heroku, Jenkins, Google Analytics, Linux, SSH, tmux, and Vim

Professional Experience

edX, Cambridge, MA — **June 2016 – Present**
Software Engineer — Python, Django, JavaScript, Backbone, React, CSS, HTML5, Linux
Developed and maintained features for edX's Insights application, a place for edX course teams to find visualizations and aggregated data on their courses in order to discover trends and take actions to improve them. Insights presents data for events that happen on the edx platform, which has attracted more than 27 million course enrollments representing 8 million learners. I also helped members of the open source community install and diagnose problems with Insights. See all the work I've done at edX on my github profile: https://github.com/thallada.

Kyruus, Boston, MA — **May 2014 – May 2016**
Software Engineer — Python, Django, Flask, Jenkins, Elasticsearch, JavaScript, CSS, HTML5, Linux
Developed applications and infrastructure to make healthcare in the US more efficient. Created major features, implemented new applications, fixed various bugs, and monitored data integrity across the whole stack of the web platform used by some of the top health systems in the US.

MIT Media Lab, Cambridge, MA — **June 2013 – May 2014**
Undergraduate Researcher — JavaScript, CSS, HTML5, Linux
Designed and implemented new user interface concepts for a projected augmented reality system called LuminAR including a touch-based desktop, a projected ruler, a tech demo, and a copy-paste app for physical documents.

Zulip (acquired by Dropbox), Cambridge, MA — **December 2012 – January 2013**
Software Developer Intern — Python, JavaScript, Java, Android
Developed various parts of a business communications web app in JavaScript. Interfaced with internal and third-party APIs to develop an Android app. Created automated tests for various interface elements in JavaScript.

Valti, Cambridge, MA — **May 2012 – December 2012**
Software Engineer — Python, Django, JavaScript, Facebook API, Heroku
Spearheaded the backend development of an online rental platform with a Harvard startup. Directed and collaborated with other developers to create a functional, slick website in less than three months.

George Mason University, Fairfax, VA — **January 2012 – May 2013**
Undergraduate Teacher's Assistant — Python, Java
Instructed students in Java and Python programming during group labs and online forums.

Education

Northeastern University, Boston, MA — **Fall 2013 – Fall 2015**
College of Computer and Information Science — GPA: 3.43/4.0
Bachelor of Science in Computer Science — Activities: Member of NUHacks & NUACM

George Mason University, Fairfax, VA — **Fall 2011 – Spring 2013**
Volgenau School of Engineering and Honors College — GPA: 3.41/4.0
Candidate for a Bachelor of Science in Computer Science with a Minor in English (transferred)

Organizations

GMU's Student-Run Computing and Technology club (SRCT) — **Spring 2012 – Present**
Co-founded a group that enhanced student computing and produced websites valuable to the Mason community.

Boston Python Workshop — **Summer 2012**
Volunteered at Python workshops empowering women of all backgrounds with practical programming skills.

Interests/Hobbies Creative Writing, Poetry, Camping, Hiking, Running, and Raspberry Pi Hacking