

Tyler Hallada

Contact Information	Greater Boston Area http://www.hallada.net	tyler@hallada.net https://github.com/thallada
Technical Knowledge	Languages: Python, Ruby, JavaScript (ES6/TypeScript/Flow), Rust, Java, CSS, Sass, L ^A T _E X, Scheme/Racket, Coffeescript, and HTML5 Libraries: Django, Ruby on Rails, React, Redux, Relay, React Native, Electron, Express, Flask, Elasticsearch, Bootstrap, PostgreSQL, MongoDB, SQLAlchemy, Backbone, Node.js, Webpack, and jQuery Applications: AWS services, Git, SVN, Docker, Ansible, Heroku, Jenkins, Linux, SSH, tmux, and Vim	
Professional Experience	Outcomes4Me , Cambridge, MA <i>Senior Software Engineer</i> Making a mobile app that gives users the knowledge, tools, and options to navigate through breast cancer treatment and care.	April 2020 – Present JavaScript, TypeScript, React Native, Express
	Consider , Boston, MA <i>Software Engineer</i> Worked with team of five engineers to build Email 2.0 for work. An email client with the best features of modern apps like Slack, but for synchronous communication on your own terms. <ul style="list-style-type: none">• Designed and implemented a new Elasticsearch backend and search UI in the Consider app.• Created services to synchronize data between Google and Consider over IMAP and Google APIs.• Developed advanced editor features and contributed bug fixes to Slate, an open-source editor library.• Re-architected data schema to support Groups, a new feature enabling shared company emails.• Ported our React Native app to Android.	June 2018 – March 2020 Ruby on Rails, JavaScript, React, Relay, GraphQL, React Native, Electron, Elasticsearch, Flow
	edX , Cambridge, MA <i>Software Engineer</i> Developed edX Insights, an analytics dashboard for aggregate learner data used by course teams on one of the largest MOOC providers used by millions of learners across the world. Re-architected parts of Studio, the tool used by course teams to create interactive online courses. Created an automated email service that increased engagement across all self-paced edX courses by 30%.	June 2016 – June 2018 Python, Django, JavaScript, Backbone, React, Redux, Webpack, Linux
	Kyruus , Boston, MA <i>Software Engineer</i> 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.	May 2014 – May 2016 Python, Django, Flask, Jenkins, Elasticsearch, JavaScript, CSS, HTML5, Linux
	MIT Media Lab , Cambridge, MA <i>Undergraduate Researcher</i> 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.	June 2013 – May 2014 JavaScript, CSS, HTML5, Linux
	Zulip (acquired by Dropbox), Cambridge, MA <i>Software Developer Intern</i> 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.	December 2012 – January 2013 Python, JavaScript, Java, Android
	Valti , Cambridge, MA <i>Software Engineer</i> Led the backend development of an online rental platform with a Harvard startup in less than three months.	May 2012 – December 2012 Python, Django, JavaScript, Facebook API, Heroku
Education	Northeastern University , Boston, MA <i>College of Computer and Information Science</i> Bachelor of Science in Computer Science	Fall 2013 – Fall 2015 GPA: 3.43/4.0 Activities: Member of NUHacks & NUACM
	George Mason University , Fairfax, VA <i>Volgenau School of Engineering and Honors College</i> Candidate for a Bachelor of Science in Computer Science with a Minor in English (transferred)	Fall 2011 – Spring 2013 GPA: 3.41/4.0
Interests/Hobbies	Running, Swimming, Camping & Hiking, Computer Generated Art, Video Game Modding, Raspberry Pi Hacking, Self-Hosting, and Machine Learning	