

Tyler Hallada

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| 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, 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 | Consider , Boston, MA <i>Software Engineer</i> Ruby on Rails, JavaScript, React, Relay, GraphQL, React Native, Electron, Elasticsearch, Flow 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 labels, stars, and calendar events between Google and Consider over IMAP and Google APIs, and created new UI to display and filter on the data.Developed advanced editor features like link inserting and emoji auto-completion and contributed bug fixes to Slate, the open-source library the custom editor is built on.Re-architected data schema to support Groups, a new feature enabling shared company emails.Ported our React Native app to Android. | June 2018 – Present |
| | edX , Cambridge, MA <i>Software Engineer</i> Python, Django, JavaScript, Backbone, React, Redux, Webpack, Linux 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 |
| | Kyruus , Boston, MA <i>Software Engineer</i> 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. | May 2014 – May 2016 |
| | MIT Media Lab , Cambridge, MA <i>Undergraduate Researcher</i> 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. | June 2013 – May 2014 |
| | Zulip (acquired by Dropbox), Cambridge, MA <i>Software Developer Intern</i> 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. | December 2012 – January 2013 |
| | Valti , Cambridge, MA <i>Software Engineer</i> Python, Django, JavaScript, Facebook API, Heroku Led the backend development of an online rental platform with a Harvard startup in less than three months. | May 2012 – December 2012 |
| 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 |
| Organizations | GMU's Student-Run Computing and Technology club (SRCT) Co-founded a group that enhanced student computing and produced websites valuable to the Mason community. | Spring 2012 – Present |
| Interests/Hobbies | Running, Swimming, Camping & Hiking, Creative Writing, Computer Generated Art, and Raspberry Pi Hacking | |