

# Tyler Hallada

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Greater Boston Area  
<https://www.hallada.net>

[tyler@hallada.net](mailto:tyler@hallada.net)  
<https://github.com/thallada>

## TECHNICAL KNOWLEDGE

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**Languages:** TypeScript, JavaScript, Rust, Python, Ruby, Zig, Java, HTML, CSS, Sass, Terraform, Lua, Scheme/Racket  
**Libraries:** React, Redux, Next.js, React Native, Django, Ruby on Rails, NestJS, Relay, GraphQL, Electron, Express, Flask, HTMX, Elasticsearch, Bootstrap, PostgreSQL, SQLite, MongoDB, SQLAlchemy, Node.js, Bun, and Webpack  
**Applications:** AWS services, Git, SVN, Docker, Claude Code, Codex, Iterable, Amplitude, SemaphoreCI, Jenkins, Linux, SSH, tmux, Neovim

## PROFESSIONAL EXPERIENCE

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**Outcomes4Me**, Boston, MA **April 2020 – Present**  
*Senior Staff Software Engineer* TypeScript, JavaScript, React Native, NestJS, Next.js  
Direct-to-patient digital platform that gives users the clinical, evidence-based knowledge and tools to navigate through cancer treatment and care.

- Served as lead engineer on the team of six engineers for two years, driving architectural decisions and technical direction.
- Led the development of a web app that enabled providers to find relevant clinical trials for patients and manage trial data at their institutions.
- Led the development of a new community feature within the mobile app for patients to talk to other patients with the same diagnosis.
- Created a data pipeline for automatic ingestion and NLP categorization of breast cancer news.
- Led a team of junior engineers on the development of the company's patient-facing web app.
- Developed medication/regimen tracking, onboarding experience, and treatment path timeline features in the React Native mobile app.

**Consider**, Boston, MA **June 2018 – March 2020**  
*Software Engineer* 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. I design and implemented the Elasticsearch backend for the search feature, synchronized data over IMAP and Google APIs, made bug fixes to Slate, an open-source editor library, and I worked on major refactors to support shared company emails.

**edX**, Cambridge, MA **June 2016 – June 2018**  
*Software Engineer* 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.

**Kyruus**, Boston, MA **May 2014 – May 2016**  
*Software Engineer* Python, Django, Flask, Jenkins, Elasticsearch, JavaScript, CSS, HTML5, Linux  
Developed healthcare web applications used by top US health systems. Created major features, new applications, and monitored data integrity.

**MIT Media Lab**, Cambridge, MA **June 2013 – May 2014**  
*Undergraduate Researcher* JavaScript, CSS, HTML5, Linux  
Designed and implemented UI concepts for a projected augmented reality system, e.g. a touch-based desktop and copy-paste for physical documents.

**Zulip (acquired by Dropbox)**, Cambridge, MA **December 2012 – January 2013**  
*Software Developer Intern* Python, JavaScript, Java, Android  
Developed features for a business communications web app. Worked on the Android app and created automated interface tests.

**Valti**, Cambridge, MA **May 2012 – December 2012**  
*Software Engineer* Python, Django, JavaScript, Facebook API, Heroku  
Led backend development of an online rental platform with a Harvard startup in less than three months.

## EDUCATION

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**Northeastern University**, Boston, MA **Fall 2013 – Fall 2015**  
*Bachelor of Science in Computer Science*

**George Mason University**, Fairfax, VA **Fall 2011 – Spring 2013**  
*Candidate for a Bachelor of Science in Computer Science with a Minor in English (transferred)*

## INTERESTS/HOBBIES

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Running, Camping & Hiking, Computer Generated Art, Video Game Modding, Self-Hosting, Vibe-Coding, Creating a Text Adventure MUD Game