

James T. Martin, Software Developer

Email james@jtmar.me
Discord jamestmartin#7117
Phone (206) 331-1994 (please text first so I know you're not spam)
GitHub jamestmartin
Location Renton, WA

Experience

Do Art Daily, volunteer Ruby on Rails developer **2020**

- Discovered and fixed multiple severe security bugs by creating an automated test suite.
- Designed and implemented secure cross-site authentication API and HAL+JSON REST API.

Programming Language Design Community, Administrator & web developer **2018–2020**

- Led redesign of the website; used Jekyll to automate the generation of the community projects list.
- Co-founded the Discord sub-community; moderated it and /r/ProgrammingLanguages.
- Bridged the Discord and Freenode sub-communities via Matrix.

Hazen Robotics Club, Java developer **2017–2019**

- Mentored programming at the district summer robotics camp for 90 hours.
- Taught club members how to use Java and Git.
- Collaborated to build robot controller programs for FIRST competitions.

Childhood experience (2009–2016) omitted for relevance.

Skills

- Languages: Java 8+, Rust, GHC Haskell, Agda, HTML5/XHTML, TypeScript
- Tools: Git, GitHub, formal verification, continuous integration, bug tracking, unit testing
- Administration: Debian GNU/Linux, Nginx, TLS deployment (incl. DNS CAA, HSTS, Let's Encrypt)

Education

Hazen High School **2015–2019**

- Got high (4-5/5) scores on 7 AP exams, including Computer Science (5) and Calculus AB (4).
- Learned shop skills (woodworking, welding) and received OSHA 10 certification.
- Member of marching, symphonic, and jazz bands; received Sousa award in 2019.