

# Addison Tustin

[addison@atustin.dev](mailto:addison@atustin.dev) · [atustin.dev](https://atustin.dev) · [linkedin.com/in/AddisonTustin](https://linkedin.com/in/AddisonTustin)

## Experience

### Software Development Engineer, Amazon.com — Publisher Analytics and Reporting

July 2022 – Present

- Design lead and subject matter expert for analytics and reporting at organization level.
- Led design, development, and release of analytics platform and data pipeline to provide actionable, real-time sales and ordering metrics to enterprise publishing houses.
- Created internal tooling to enable no-effort cloud deployments of developer environments, significantly improving iteration lifecycle by reducing dev-deployment times from 25 minutes to ~5 minutes.
- Led cross-organization efforts to consolidate on unified reporting datasets and aggregation processes to improve overall publisher experience, reduce support obligations, and better leverage developer resources.
- Initiated and completed internal campaign to automate and optimize data handling processes, reducing annual product operating expenses by 13%.

### Jr. Software Developer, Amazon.com — Enterprise Publisher Experience

July 2020 – July 2022

- Reduced development team support burden and time to resolution for publisher impacting issues by developing a self-guided diagnostic and resolution tool for customer support associates.
- Worked to replace legacy Perl Mason and C++ applications with Angular SPA and Kotlin middle-layer as a part of a large-scale security campaign.
- Leveraged Amazon Web Services offerings, orchestrated through its Cloud Development Kit, to help build replacement for legacy bulk task processor, enabling synchronous and async bulk metadata processing.

### Jr. Sys Admin, California Polytechnic State University San Luis Obispo,

Oct 2018 – June 2020

#### Computer Science and Software Engineering Department

- Developed new-hire training curricula to reduce ramp-up time for new student employees.
- Maintained software and hardware for over 200 Windows, CentOS, and macOS workstations.
- Provided technical support to students and faculty utilizing department resources

## Education

### Computer Science, B.S., California Polytechnic State University

Sept 2018 – June 2022

Relevant Coursework: Systems Programming, Intro to Software Engineering, Programming Languages, Construction of Compilers, User-Centered Interface and Design, Teaching Computing

## Projects

**Polyratings.dev** — As Project Lead for Polyratings.dev, I revitalized a defunct professor rating site into a modern, cloud-based application, slashing operating costs from \$100 to \$5 per month. I engineered the new platform with no legacy code, using Cloudflare Workers and React, and set up an efficient CI/CD pipeline via GitHub Actions. Within a year, the relaunched site garnered 1,000+ new reviews and expanded professor listings, revitalizing a valuable student resource. I continue to enhance the site with a team of students and alums, with plans to secure its future through a non-profit model.

## Proficiencies & Interests

- **Programming Languages** — Kotlin, Python, Typescript, Go
- **Developer Experience** — Enjoy learning how to make tools work *for* myself and my peers, rather than just be beholden to them
- **Amateur Radio** — Presently licensed with the FCC as an Amateur Extra Class radio operator