

Corder Guy

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Relevant Work Experience

Software Engineer, Two Sigma – Houston, TX

August 2019 – November 2024

► **Technical Lead – OnCall Service**

Led development of a translation layer integrating a vendor alerting product with internal infrastructure. Designed and maintained a high-reliability REST API with complex caching, Slack integration, error handling, and robust scalability.

- ▷ Transformed and scaled an intern-led project into a key component of multiple critical systems with **over 200 internal users**. Resolved technical issues while delivering **exceptional user support**.
- ▷ Engineered and maintained the backend in Java using Dropwizard and Google Guava, supported by **extensive integration testing** within our Jenkins CI/CD pipeline.
- ▷ Earned consistently **above-average performance** bonuses for technical excellence, impactful contributions, and **exceptional user support**.

► **Selected Contributor – Top-Priority Cross-Team Initiative**

Hand-picked for a high-visibility task force, restructuring release path controls to ensure accountability and compliance.

- ▷ **Led integration with legacy workflows**, collaborating across **four teams** to gather requirements and implement seamless automation.
- ▷ Designed, implemented, and deployed a **Jira-integrated microservice**, enforcing approval workflows for **production-critical** releases.

► **Intern Manager and Mentor**

- ▷ Selected **three times** to **mentor engineering interns**, providing **technical guidance and professional development**.
- ▷ Provided **code reviews** and technical resources, ensuring interns contributed **production-level** code to three products.

► **Technical Interviewer**

Conducted **50+** **technical interviews** for internship and full-time candidates, assessing skills in **algorithms, data structures, and backend development**.

- ▷ Delivered **prompt and detailed candidate feedback**, helping improve hiring decisions and refine interview processes.
- ▷ Provided training and advice to new interviewers, ensuring consistency in evaluations.

► **Individual Contributor – Web Components**

Volunteered for a **crossteam pilot** of Web Components technology and **re-engineered** two independently-developed UI screens into a unified component, reducing code duplication by **70%** and **streamlining development workflows**.

► **Hacker Lab Instructor**

Designed and taught **hands-on workshops** on amateur radio, soldering, and 3D printing for **20+ participants**.

Technical Experience and Expertise

Languages	Java, Python, TypeScript, HTML, CSS
Frameworks	Angular, Dropwizard, Flask, Web Components
Tools	Git, Jira, GitHub, GitLab
Technologies	Unit Testing, CI/CD, REST APIs, Linux, Windows

Education

Texas A&M University

September 2014 – May 2019

Computer Science, Bachelor of Science

Cybersecurity, Minor

Mathematics, Minor