

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**. 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