

# Freniel Zabala

## Software Developer

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### SKILLS

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#### Programming Languages & Development Tools

- Python, Java, Javascript, Golang
- MySql, MongoDB
- Git, Kubernetes, Docker, Jenkins

### EDUCATION

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#### University of California, Irvine (UCI)

- Bachelor of Science, Computer Science

### EXPERIENCE

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#### Box Inc | Backend Developer | Redwood City, CA | Feb 2020 - Oct 2022

- Managed 80% of Box Services through Kubernetes
- Implemented automated software updates with Jenkins and Groovy. Improving software updates rollout safety for 300 applications.
- Conducted platform stress testing to prepare the migration of large services to Cloud Infrastructure.
- Refactored legacy CI/CD pipelines to use security scans in core platform services. Improved security for ~200 services across 10 teams.
- Increased Box's Kubernetes platform capacity by 10% through service footprint analysis and capacity calculation
- Wrote and rolled out alerts and metrics dashboards across 200 services to standardize observability patterns and provide out-of-the-box visibility into the health of services

#### Box Inc | Software Developer Intern | Redwood City, CA | June 2019 - Sept 2019

- Designed and built auto remediation systems that allowed applications to recover from errors
- Kubernetes Controllers and Custom Resources to add and manage remediation steps for apps running on Kubernetes
- Participated in agile workflow, like daily standups and tracking work with JIRA

#### UCI Academic Web Technologies | Full Stack Developer Intern | Irvine, CA | June 2018 - Sept 2018

- Created education management tools used by 30,000 students and faculty
- Implemented navigation flow with html, css, and javascript, for a better user experience
- Implemented sandbox collaborator features using PHP, with Symphony framework, and SQL, for teachers to add collaborators to their courses

### PROJECTS

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#### EasySlip | Calhacks 6.0 | October 2019

- 1st Place Winner of DocuSign's eSignature and ID Verification API challenge at UC Berkeley's 6th annual hackathon amongst 200+ participating teams
- Used ReactJS and Python Flask to create an internal tool to help streamline the communication and management of permission slips/waivers between teachers and parents

#### Hack at UCI Application Portal | Hack at UCI | May 2018 - June 2019

- Designed a hackathon application portal that handled 1,500 hackers applications.
- Implemented with modern frontend framework: Javascript and Angular
- User experiences were hugely positive from hackers.