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Colin Riley
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Available from January – August 2019

Home:
966 Jackson St,
San Francisco,
CA 94133

Education

Northeastern University | Boston, MA *September 2016 – Present*
College of Computer & Information Science **GPA: 3.6/4.0**
Candidate for Bachelor of Science in Computer Science *May 2021*
Honors: Dean's List, member of Northeastern's Honors Program
Activities: Northeastern Association for Computing Machinery, League of Legends (video game) club, Intramural soccer, CCIS freshmen mentor
Relevant Courses: Algorithms and Data, Computer Systems, Object Oriented Design

Technical Knowledge

Languages: Advanced: Java | Intermediate: Python, Kotlin, C, HTML | Beginner: JavaScript
Frameworks: Advanced: Spring Boot | Beginner: React
Technologies: Advanced: Linux, MySQL, Git | Intermediate: Amazon Web Services, Splunk, Jira, Jenkins

Experience

Northeastern University | Boston, MA *May 2017 – Present*
Teaching Assistant for Object Oriented Design and Logic & Computation

- Instruct and lead 20 person labs that met twice a week for 2 hours
- Hold office hours 2 times a week for 2 hours to answer student questions and provide assistance
- Grade students' Java and ACL2s coding assignments, midterm, and final exam

Intuit | San Diego, CA *January 2018 – August 2018*
Software Engineer Co-op | Full stack developer for the Quality Engineering Tools Team

- Rebuilt the core backend micro-service used in the majority of TurboTax Online testing using Spring Boot and Java and deployed it in AWS with a CI/CD pipeline, allowing the team to develop faster
- Built multiple APIs and wrote service code for an internal tool, increasing testing efficiency and shortening the release time for developers to 45 minutes, using Java, Kotlin, and Spring Boot
- Designed and created the UI, API, and service code for a feature that makes testing TurboTax Online easier
- Migrated a service to AWS Lambda using Java and used AWS CloudFormation to create a CI/CD pipeline, saving the team money
- Took ownership over multiple internal tools; monitored deploys, fixed production bugs, and responded to a customer help Slack channel with 55+ engineers
- Gave multiple presentations about the team's tools, including a tech talk to 50+ engineers

Projects

MusicEasy | San Francisco, CA *June 2018 – Present*

- Building a web app to organize and play audio from YouTube music videos
- Backend made using Spring Boot and Java with a MySQL database; frontend made using React
- Allows users to see all their music, store new music, play and pause songs, and create playlists

Break Time | San Diego, CA *May 2018 – May 2018*

- Created a Slack bot encouraging a healthy work lifestyle by matching employees to take breaks together
- Built the bot with an AWS Lambda in Java, API Gateway, and DynamoDB; calls the Slack APIs

Other Projects: Restaurant finder (React, JS), Battleship APIs (Spring Boot, Java), personal website (HTML, CSS)

Interests

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- Rock and indie music, learning new instruments; playing the guitar, trumpet, violin, and drums
 - Connoisseur of delicious ramen