

# BRENTON DURKEE

## Skills

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### Programming Languages

HTML, CSS, Javascript, Java, C, Objective-C, Swift, Android, Python, Bash

### Virtualization

Maintain a virtualized home lab remotely

### Services

MongoDB, Redis, Apache, Nginx, Git, Grunt, Jenkins, Puppet, SQL

### Web Frameworks

Angular, React, Sass, Bootstrap, Bourbon

### Networking

DNS, IP tables, network configuration, subnets, firewalls, VPN, reverse proxies

### Frameworks

Django, Jetty, Protobuf, Express JS

## Software Development Experience

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### SOFTWARE ENGINEER INTERN – Snap Inc. – May '17 – Aug '17

- Wrote a complete system design of a new, revenue-related service
- Implemented this system by creating key backend components
- Developed features dependent on third-party partners in a modular, pluggable way

#### Responsibilities Included:

- Insuring other developers understood and conformed to the design of the system
- Allowing for parallel client/backend development with mocked endpoints and a rigid API spec
- Coordinating with third-party partners around blockers and our proposed implementations
- Tools used: Java, Protobufs, SQL, Google Cloud Platform

### REVENUE/RELEASE SOFTWARE ENGINEER INTERN – Twitter – Feb '17 – May '17

- Created UI integration tests for revenue related features on iOS and Android
- Built an automated script to pull language translations in dynamically from an internal service
- Configured Jenkins CI jobs to run the above and taught others how to do the same

#### Responsibilities included:

- Balancing responsibilities between writing UI tests and managing CI jobs
- Training others in developing and configuring CI jobs
- Writing test cases to prevent financially destructive bugs
- Tools Used: Espresso, Bash, Python, Ruby, KIF Framework

### SOFTWARE ENGINEER IN TEST - Vine @ Twitter - Oct '15 - Aug '16

- Setup swift/XCUITest based test framework and automated all major critical regression tests.
- Integrated the test suite with Jenkins CI using a ruby deployment script.
- Built a tool that visualizes steps to reproduce a bug from the error log.

#### Responsibilities included:

- Cross-functional team collaboration to determine the quality of the upcoming releases
- Running a weekly design review meeting with the UX and QA teams to surface all usability issues
- Ensuring the stability of test jobs on Jenkins
- Tools used: Swift, XCUITest, Objective-C, Python, Ruby

## Awards

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**BEST USE OF AMAZON WEB SERVICES**- HackRU - Awarded to PlayPerf - Feb '15

## Education

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**BACHELOR OF ARTS IN COMPUTER SCIENCE**- New York University - December, 2017