Keegan Parker

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KeeganParker
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Skills

Experienced with:

- Python
- C
- C++
- Racket
- Scheme
- Go
- HTML5
- CSS
- Javascript
- Node.js
- Django
- Git
- Apache Kafka
- SQL
- Unix
- Windows
- Mac OS X

Familiar with:

- Java
- Rust
- React
- Visual Basic
- Subversion
- LaTeX

Work Experience

Software Developer (Co-op) • Zenreach   *May. 2017 - Aug. 2017*

- Built service in Go which consumed Apache Kafka messages to respond to events in real-time
- Integrated AB testing framework into main web portal to increase valid email collection
- Implemented frontend elements on top of React
- Built REST services in Go to send emails reliably through mailgun

Software Engineering Intern • Yelp   *Sep. 2016 - Dec. 2016*

- Contributed to the Data Pipeline project (Real-time Data Infrastructure built on Apache Kafka)
- Boosted performance of Application Specific Transformers (component of Data Pipeline) by 15 times
- Built prototype of Yelp Main codebase, the largest service at Yelp, running in PyPy

Software Engineering Intern • Yelp   *Jan. 2016 - Apr. 2016*

- Created many command-line tools to work with the Data Pipeline project
- Resolved bugs in the Replication Handler - a component of the Data Pipeline that tracks MySQL replication logs and sends messages to Apache Kafka

Software Developer (Co-op) • Hubdoc   *May 2015 - Aug. 2015*

- Built and maintained web scrapers written in Node.js, utilizing PhantomJS
- Created Chrome extension that could create web scrapers from browser sessions

QA Analyst (Co-op) • Mercatus Technologies   *Apr. 2014 - Aug. 2014*

- Built automated test suites for iOS and Android applications with Appium/Selenium
- Performed manual integration, smoke and regression tests on iOS, Android, and Web

Education

Bachelor of Computers Science, Honours • **University of Waterloo** *(2013- 2018 expected)*

Projects

Web Roast (https://devpost.com/software/web-roast)   *Top 10 - BoilerMake 2015*
Chrome Extension with Flask backend that added comments and voting to every website

MathSoc Website Rebuild
Ongoing team project built on Django to replace Mathematics Society website

Erb Street Magic League (http://erbmagicleague.herokuapp.com/)
Website built in Django that features and registered player skill ranking on a public ladder