



# Keegan Parker

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 KeeganParker  
 <http://keeganparker.com/>

## 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
- $\text{\LaTeX}$

## 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 being built on Django to replace the UW 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