



# JAMES SUTTERFIELD

Full Stack Engineer

## INFO

+31 611183857

james.sutterfield@gmail.com

Amsterdam

## LINKS

Website  
<http://jamesutterfield.me/>

in LinkedIn  
[linkedin.com/in/james-r-sutterfield/](https://www.linkedin.com/in/james-r-sutterfield/)

## TECHNOLOGIES

### STRONG

- Java
- DropWizard
- PHP
- MediaWiki
- MySQL
- Git

### KNOWLEDGABLE

- JavaScript
- HTML
- Sass
- React
- Redux
- Python
- Django
- Webpack
- Jenkins
- Kibana
- Docker
- Kubernetes
- RabbitMQ
- Memcached



## WORK EXPERIENCE

### Senior Software Engineer

FANDOM

11/13 – present

- Authored 6 RESTful Java services powering user data, internal CMS, forum products, and more
- Added and extended features to large-scale PHP application (MediaWiki) which receives 200 million unique visitors per month
- Optimized high-traffic databases reducing query execution time from multiple seconds to a few milliseconds
- Consolidated logic and templating for FANDOM's 50+ types of emails (280k emails are sent every day)
- Core developer on FANDOM's Discussions product. Allows users to create twitter-like posts containing text, images, links, or polls. Deployed on 500k communities and currently contains 26 million posts.
- Ported existing Ember-based Front-End web application to React/Redux. Maintained 95% test coverage and completed rewrite in 9 months compare to 18 months for original project.
- Mentored engineering intern, providing training, guidance, and support which led to a full-time position

### Web Developer

Titan Men

02/13 – 10/13

- Created video download functionality allowing members to download a set number of videos per month
- Extended Django admin to allow staff to sort and compare applicants and print PDF reports
- Automated matching process to find applicants with compatible interests and acting requirements



## OTHER ACHIEVEMENTS

### 1<sup>st</sup> place – best product/overall hack

- Company-wide hackathon, my hack "polls for discussions" was productized

### 3<sup>rd</sup> place - programming challenge

- Engineering-wide programming challenge at FANDOM (75 participants)



## EDUCATION

### Java Programming and Linux Courses - City College of San Francisco

2012 – 2014

- Java programming, Data Structures and Algorithms
- Bash scripting, Linux Administration, MySQL
- Computer Architecture and Assembly

### Python and Front-End Development - Noisebridge (Hackerspace)

2012 – 2014

- Spent 2-3 days a week attending classes, events, and working on projects
- Attended PyCon 2013 with Python class

### Online Courses - Udacity and Coursera

2012 – 2015

- Algorithms (Princeton University)
- Build a Modern Computer from First Principles (Hebrew University of Jerusalem)
- Web Application Engineering (Taught by Reddit Founder)

### Bachelor of Arts in History - University of California at Santa Cruz

2004 – 2008