

# Paul Vorobyev

Software Engineer Intern at Facebook, Computer Science Student at Rutgers University

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## Summary

Hi! My name is Paul and I love solving problems. I spend a lot of time thinking about mathematics, philosophy, engineering, and the role they play in computer science.

## Technical Skills

- \* Proficient: Java, Clojure, Python, JavaScript/ES6, Node.js, Linux, Git, Vim
- \* Familiar: C, C++, Hack/PHP, Haskell

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Website: <http://paulvorobyev.com>

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## Experience

### Software Engineer, Intern at Facebook

May 2017 - Present

### Student System Programmer

January 2016 - Present

- Collaborated with team to build, maintain, and distribute RPM packages used by over 70,000 faculty and students
- Wrote and maintained scripts and software for automating system administration tasks for Linux production servers
- \* Created and refactored web applications for university service apps using Python, Flask, MongoDB, and Jinja2

### Software Engineer, Intern at Facebook

May 2016 - August 2016 (4 months)

- Created a testing environment on top of Facebook's existing architecture for Wit.ai's numerous Clojure backend services using Hack/PHP and Python
- Wrote a library in Hack/PHP that allows developers at Facebook to write their own chat bots and extend the M platform
- \* Contributed several features and critical bug fixes to the Wit.ai and M platforms in Clojure, ES6, and React

## **Software Engineer, Intern at /Slash Keyboard**

May 2015 - September 2015 (5 months)

- \* Helped implement a top-k completion algorithm to create an autocorrect feature in C++
- \* Wrote code to serialize a large heap-like data structure to maximize load and search efficiency
- Wrote and documented an internal library for generating images in Python

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## Education

### **Rutgers University**

Bachelor of Arts (B.A.), Computer Science, Philosophy, 2015 - 2018

**Activities and Societies:** Secretary at USACS (Undergraduate Student Alliance of Computer Scientists)  
Organizer/Mentor at HackRU

### **Marlboro High School**

2011 - 2015

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## Honors and Awards

HudsonHack NY: Intern Edition - 1st Place, AP Scholar With Honor

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[Contact Paul on LinkedIn](#)