

Antoine Pourchet

app63@cornell.edu | 914.907.0898

EDUCATION

CORNELL UNIVERSITY

BS IN COMPUTER SCIENCE

Expected May 2016 | Ithaca, NY

College of Engineering

Conc. in Systems Engineering

Major GPA: 3.6 / 4.0

Cum. GPA: 3.4 / 4.0

COURSEWORK

UNDERGRADUATE

Operating Systems

Functional Programming

Programming Languages

Parallel Computing

Machine Learning

Machine Learning for Data Science

Analysis of Algorithms

System Security

(Teaching Assistant)

Computer Architecture and Design

Machine Learning

SKILLS

PROGRAMMING

- Professional Experience -

Golang • Ruby • Bash

Java • Javascript • MySQL

- Academic Experience -

C • OCaml

LaTeX • Python

- Significant Exposure -

HTML/CSS • PHP • OpenGL

WebGL • Android

FUN FACTS

- Bilingual in French and English
- Completed the Pines' Burger Challenge

PERSONAL GITHUB

github.com/apourchet

- Golang libraries for Machine Learning, Latex and more
- Golang framework for Map-Reduce
- Hackathon Projects
- Chrome Extensions

WORK EXPERIENCE

SQUARE | SOFTWARE ENGINEERING INTERN | PLATFORM ENGINEERING

June 2015 – Aug 2015 | San Francisco, CA

- Worked on isolating the testing environment for all services
- Led the integration of a new deployment mechanism to this new environment
- Fixed AWS images, node provisioning and repository syncing for new nodes

HUBSPOT | SOFTWARE ENGINEERING INTERN | ANALYTICS

June 2014 – Aug 2014 | Boston, MA

- Worked on a complete revamp of the database structure
- Created API endpoints to interact with the new Redshift cluster
- Built a testing harness to insure coherence between the old and the new API

DREAMFACE | SOFTWARE ENGINEERING INTERN

May 2013 – Aug 2013 | New York City, NY

PROJECTS

VIOLET PROJECT TEAM | COMMAND AND DATA HANDLING TEAM

Sept 2012 – Jan 2012 | Ithaca, NY

Programmed the Attitude Control Subsystem of the satellite that will be launched via SpaceX's Falcon 9 rocket. Worked to ensure the reliability and integrity of data packets traveling between the satellite and control servers.

ANDROID APPLICATION DEVELOPMENT Feb 2011 – June 2011

Developed a game on the Android platform that was downloaded 60,000 times, and rated at 3.5 stars by more than 350 reviewers.

HOBBIES

TENNIS 1997 - Today

- Started when I was 3 years old
- Played competitively and lead my varsity team in their first undefeated season.

TRAVELING

- Traveled to over 20 different countries on 5 continents.
- Flew to Nicaragua with Bridges to Communities to build houses for the less fortunate.