

# Alan Guo

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## EDUCATION

### Duke University

B.S. in Electrical & Computer Engineering and Computer Science

GPA: 3.485/4.000; SAT: 2300

Expected May 2017

Durham, NC

## WORK EXPERIENCE

### Veeva Systems

Software Engineering Intern

June 2016 – August 2016

Pleasanton, CA

- Developed full stack network monitoring dashboard which stored network process statuses in database and displayed important statistics and detailed reports on the web application's UI
- Automated fetching network process statuses, parsing that data by analyzing statuses, and emailing summary to relevant recipients, which all had been done manually in the past
- Introduced Cron scheduler which allowed ability to schedule various tasks at any user input schedule

### Bergin Lab

Electrical Engineering Intern

September 2015 – Present

Durham, NC

- Lead the hardware and software design of a low cost air quality sensor package using microcontrollers and a variety of sensors to collect various measures of air quality
- Deployed these air quality sensors in China to test air quality and use for research of the effect of air quality on asthmatic Chinese students

### Best USA Logistics

Technician

June 2014 – August 2014

Fremont, CA

- Gained experience working with others to troubleshoot routers, sound cards, and other electrical devices for functionality

## PROJECTS

### Rowcord

June 2016 – Present

- Web app aimed to help organize rowing teams and practices, catering specifically to the unique workouts and structure of a rowing team

### Liftmo

July 2015 – Present

- Oversaw creation of android interface, using Java and Android Studio, for fitness application that records user weight lifting regimens and include helpful workouts and instructions

## LANGUAGES AND TECHNOLOGIES

**Proficient:** Java, HTML/CSS, AngularJS, MATLAB, Git, Unix/Bash

**Casual:** ReactJS, MySQL, Python, C/C++, Android Studio, Verilog, MIPS