

ALEX DU

www.alexmdu.com | alexdu@cmu.edu

EDUCATION

Carnegie Mellon University

B.S in Statistics/Machine Learning
Additional Major in Computer Science
GPA: 3.54 | Class of 2018

SKILLS

Programming

Expert: Python, HTML/CSS

Proficient: SML, Javascript, C, R

Elementary: C++, Swift

Tools

Frontend: React

Backend: Flask, Django

Database: SQL, Redis

Big Data: Hadoop, Spark

Design: Sketch, Adobe Suite

COURSEWORK

10-601 Machine Learning

15-150 Functional Programming

15-210 Parallel and Sequential Data
Structures and Algorithms

15-213 Computer Systems*

15-251 Great Theoretical Ideas in CS*

INVOLVEMENT

CMU Asian Students Association
Webmaster and Financial Chair

CMU Ski and Snowboard Team
Freestyle Skier

EXPERIENCE

Cisco

Software Engineering Intern

San Jose, CA
Summer 2016

- Worked on machine learning efforts for WebEx's Data Analytics Platform within Apache Spark and Hadoop
- Developed query schema across Hadoop's HDFS for external data sets

Mist Systems

Software Engineering Intern

Cupertino, CA
Summer 2015

- Developed anomaly recognition system and accompanying testing suites for radio resource management
- Created UI elements for MIST web application

Instart Logic

Quality Assurance Intern

Palo Alto, CA
Summer 2014

- Tested website functionality and ran benchmarking tests
- Analyzed new software implementations and documented discrepancies

PROJECTS

GarageDrop

HackMIT 2015 Best UI/UX Design

- Web application that facilitates local peer-to-peer sales without any human interaction using Postmates
- Implemented real-time tracking of deliveries and product flagging

LikeFund

HackPrinceton 2016

- Chrome plugin to monetize facebook statuses for charity and lets users donate by "liking"
- Developed platform to manage statuses and monitor donation history

CoLab

CMU Mobile Service Innovation project

- Prototyped Sketch plugin for real-time collaborative editing
- Wrote software architecture plan and researched market competitors

SMO Arena

Fundamentals of Programming and CS (15-112) term project

- Two-player arcade shooter with custom map and character creation