

Jerry Pan

<http://jerryqypan.github.io>
jerry.pan@duke.edu | 919.749.5908

EDUCATION

DUKE UNIVERSITY

B.S. IN COMPUTER SCIENCE

Expected May 2017 | Durham, NC

Cum. GPA: 3.895 / 4.000

COURSEWORK

GRADUATE

Computer Vision

Artificial Intelligence

Reinforcement Learning

Applied Stochastic Process

UNDERGRADUATE

Design + Analysis of Algorithms

Data Structures + Algorithms

Database Systems

Intro to Artificial Intelligence

Mobile Software Design

Adaptive Web Development

Computer Architecture

SKILLS

PROGRAMMING

Experienced

Java (Android) • Python • HTML • CSS

Javascript (MEAN Stack) • MySQL

Familiar:

PHP • C • R • MIPS Assembly • MATLAB

AWARDS

ACADEMIC

- Dean's List (Spring 2017, Spring 2016)
- Dean's List w. Distinction (Fall 2015)

COMPETITIONS

- Duke Men's Basketball Hackathon: 2nd Place (Spring 2017)
- Hack Duke: Best Use of Microsoft API (Fall 2016)
- Moody's Mega Math Challenge: Honorable Mentions (Spring 2015)

EXPERIENCE

CISCO | SOFTWARE ENGINEERING INTERN

June 2017 – Aug 2017 | Cary, NC

- Developed a web application using the MEAN stack for configuring a new advanced service product to manage and check status of Cisco applications.

FUQUA BUSINESS SCHOOL | RESEARCH ASSISTANT

Nov 2016 – May 2017 | Durham, NC

- Built different regression models to analyze 2016 NC election results.
- Scraped and parsed election data from the North Carolina election results website using Python.

DATA+ | DATA SCIENCE RESEARCH

May 2016 – July 2016 | Durham, NC

- Worked in a team of three to predict waits times at Disney park rides by building an autoregressive model using historical wait time and categorical data.
- Parsed and stored wait time data from Disney using Node.js
- Processed raw data and created model visualizations using R.

PROJECTS

VR DATA VISUALIZATION | DUKE MEN'S BASKETBALL HACKATHON

April 2017 | Durham, NC

Built a 3D visualization website to display basketball player statistics using three.js. Worked on scraping data, adding queries by player stats, and debugging visualizations.

SMART RECYCLER | HACK DUKE

November 2016 | Durham, NC

Built a robot to sort trash and recycling using Microsoft's computer vision API with two team members. Worked on object detection and image processing using the OpenCV package in Python.

DUKE TEXTBOOK EXCHANGE | DUKE TEXTBOOK EXCHANGE

Sep 2015 – Dec 2015 | Durham, NC

Developed a responsive website for textbook sale and exchange with two team members. Worked on the backend using PHP for features like managing user sessions and MySQL database queries.

ACTIVITIES

DUKE IEEE | WEBMASTER

October 2015 - Present | Durham, NC

- Designed a new website using the bootstrap framework.
- Worked on various projects like word clock and automatic door opener.

DUKE LEAGUE OF LEGENDS CLUB | PRESIDENT

Mar 2016 – May 2017 | Durham, NC

- Co-founded the organization, which revolves around the popular video game League of Legends.
- Organized and hosted gatherings and tournaments at Duke.