DANIEL ZHENG

- ✉ daniel.zheng@pitt.edu
- ☎ 908-312-0745
- in danielzheng256
- ○ dzheng256

Qualifications

RELEVANT COURSEWORK

Data Structures
Computer Organization
Digital Logic
Linear Systems and Circuits
Linear Algebra
Differential Equations
Engineering Analysis
Advanced Engineering Applications
Linguistics
Calculus 1-2
Chemistry 1-2
Physics 1-2
Microeconomics
Macroeconomics

LANGUAGES AND TECHNOLOGIES

Python
Java
C++
MATLAB
C#
Javascript
HTML/CSS
Git
ROOT
Android Studio
Unity

Education

University of Pittsburgh
BS Computer Engineering 2020
Minors in Mathematics and Economics. GPA: 4.0

Employment

Nav Talent — Pittsburgh, PA
Associate — Apr 2017 to Current
Technical recruiting agency founded at Stanford focused on connecting top technical talent to reputable startups. As an Associate, I talk to top Pitt students and help them find excellent full-time jobs at tech startups through the Nav Talent network.

University of Pittsburgh — Pittsburgh, PA
Undergraduate Researcher — Nov 2017 to Current
Member of Dr. Tae Min Hong's particle physics research group. Working on software for the ATLAS detector at the Large Hadron Collider run by CERN. *C++/Python/ROOT*

Projects

askPitt — Mar 2017 to Current
Slack and Facebook Messenger bot that serves as a virtual assistant for Pitt Students. Answers common Pitt questions and provides convenient information about laundry, shuttles, nearest printers, and more. *API.ai, PittAPI, Python*

bankAR — Apr 2017 to Apr 2017
Augmented reality Android application that allows the user to scan a VuMark and securely login through AR to view their personal finance information. Made at DragonHacks 2017. *Plaid API, Unity, Vuforia, C#, Node.js*

SteelBeats — Feb 2017 to Mar 2017
Alexa skill that generates and raps rap lyrics from a Twitter feed. Scrapes the target user's Twitter account and constructs rhyming raps that have rhythm and reflect the interests found in the tweets. Made at TartanHacks 2017. *Python, Selenium, Node.js, AWS Lambda*

Diagnose Me — Jan 2017 to Feb 2017
Alexa skill that can send an emergency text message, give dosage information for O.T.C. medication, and perform preliminary medical diagnosis given symptoms. Made at Pitt Challenge 2017. *Node.js, AWS Lambda*

Awards

University of Pittsburgh Mobile App Challenge · 1st Place — Apr 2017
First prize in Code-It division of the university-wide app challenge. Project: *askPitt*

DragonHacks · Best Financial Hack — Apr 2017
Won SEI's prize for Best Financial Hack at DragonHacks 2017 at Drexel University. Project: *bankAR*

University of Pittsburgh Swanson School of Engineering · Research Fellowship — Mar 2017
Received funding from the Swanson School to conduct research abroad at CERN during Summer 2017.

Pitt Challenge · 1st Place — Jan 2017
First prize winner of the Pitt Challenge, University of Pittsburgh's healthcare hackathon. Project: *Diagnose Me*

University of Pittsburgh · Full Tuition Scholarship — Apr 2016
Scholarship covering four years of tuition at the University of Pittsburgh.

Merck & Co. · James J. Kerrigan Scholar — Mar 2016
One of 40 scholarship recipients nationwide. One of 10 to receive four-year scholarship.

Activities

Computer Science Club · Business Manager — Sep 2016 to Current
Duties include managing club resources, communicating with sponsors, and general club leadership.

Robotics and Automation Society · Member and Sumo Bot Competition Chair — May 2017 to May 2018
Contributing to various robotics projects and planning sumo bot competition for Spring 2018.

Pitt Challenge · Organizer — May 2017 to Current
Organizing the University of Pittsburgh's healthcare hackathon.