

Daniel Zheng

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Education

University of Pittsburgh

BS Computer Engineering 2020
Minors in Mathematics and Economics, 4.0 GPA

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

Employment

Nav Talent

Associate

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.

Pittsburgh, PA

Apr 2017 to Current

University of Pittsburgh

Undergraduate Researcher

Member of Dr. Be Min Hong's particle physics research group. Working on software for the ALAS detector at the Large Hadron Collider run by CERN. C++/Python/ROOT

Pittsburgh, PA

Nov 2017 to Current

Projects

askPitt

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, Pitt API, Python

Mar 2017 to Current

bankAR

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

Apr 2017 to Apr 2017

SteelBeats

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 PittHacks 2017. Python, Selenium, Node.js, AWS Lambda

Feb 2017 to Mar 2017

Diagnose Me

Alexa skill that can send an emergency text message, give dosage information for OTC medication, and perform preliminary medical diagnosis given symptoms. Made at PittChallenge 2017. Node.js, AWS Lambda

Jan 2017 to Feb 2017

Awards

University of Pittsburgh Mobile App Challenge · 1st Place

First prize in Code-It division of the university-wide app challenge. Project askPitt

Apr 2017

DragonHacks · Best Financial Hack

Won SEI's prize for Best Financial Hack at DragonHacks 2017 at Drexel University. Project bankAR

Apr 2017

University of Pittsburgh Swanson School of Engineering · Research Fellowship

Received funding from the Swanson School to conduct research abroad at CERN during Summer 2017.

Mar 2017

Pitt Challenge · 1st Place

First prize winner of the Pitt Challenge, University of Pittsburgh's healthcare hackathon. Project Diagnose Me

Jan 2017

University of Pittsburgh · Full Tuition Scholarship

Scholarship covering four years of tuition at the University of Pittsburgh.

Apr 2016

Merck & Co. · James J. Kerrigan Scholar

One of 40 scholarship recipients nationwide. One of 10 to receive four-year scholarship.

Mar 2016

Activities

Computer Science Club · Business Manager

Duties include managing club resources, communicating with sponsors, and general club leadership.

Sep 2016 to Current

Robotics and Automation Society · Member and Sumo Bot Competition Chair

Contributing to various robotics projects and planning sumo bot competition for Spring 2018.

May 2017 to May 2018

Pitt Challenge · Organizer

Organizing the University of Pittsburgh's healthcare hackathon.

May 2017 to Current