

Brian Choromanski

SOFTWARE ENGINEER · B.S. COMPUTER SCIENCE

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Education

University of Pittsburgh

B.S. IN COMPUTER SCIENCE

- 3.51 CS GPA

Pittsburgh, PA

August 2015 - August 2019

Skills & Abilities

Platforms

Proficient: Linux, Arduino, Raspberry Pi

Familiar: Docker, Windows, Android

Languages

Proficient: Java, C, Python, Ruby, Bash, JavaScript, SQL, LaTeX

Familiar: TensorFlow, NodeJS, PHP, jQuery, MIPS/x86, HTML5, CSS

Frameworks

Flask, Sinatra, Spring, Bootstrap

Workflow

Agile Development, Scrum, GitFlow

Relevant Experience

CommScope Inc.

SOFTWARE ENGINEER · NETWORK & CLOUD GLOBAL SERVICES DEPARTMENT

Horsham, PA

October 2019 - PRESENT

ARRIS International PLC

SOFTWARE DEVELOPMENT INTERN · NETWORK & CLOUD GLOBAL SERVICES DEPARTMENT

Horsham, PA

May 2018 - August 2018

- Analyzed and made improvements to the database management of a support gateway which services external net clients
- Developed a front-end to improve the management of switches on one of the largest internal networks in the world
- Used TensorFlow in the preliminary development phase of an intelligent CSR to automatically diagnose network equipment issues

🔗 pitt-cli

COMMAND LINE INTERFACE PROVIDING UTILITIES FOR PITT STUDENTS · PRIMARY MAINTAINER AND UPDATER

Node.js

🔗 djm158/pitt-cli

Relevant Coursework

Computer Science

Cloud Computing, Intro to Operating Systems, Intro to Systems Software, Software QA, Database Management Systems, Formal Methods In CS, Algorithm Implementation, Programming Languages for Web Applications, Computer Organization & Assembly Language

Mathematics

Intro to Mathematical Cryptography, Intro to Theoretical Mathematics, Differential Equations, Intro to Matrices & Linear Algebra, Analytical Geometry & Calculus 1-3, Applied Statistical Methods

Honors, Awards, & Activities

University of Pittsburgh Groups and Service

Pittsburgh, PA

UNIVERSITY OF PITTSBURGH

August 2015 - August 2019

- Volunteer Tutor at Pittsburgh Science & Technology Academy
- Volunteer at University of Pittsburgh's Disability Resource and Services Department
- Computer Science Club, Information Security Club, Mathematics Club

AP Scholar Award

Central Bucks High School South

COLLEGE BOARD

2014 & 2015

- **AP Scholar with Distinction**, Received an average score of at least 3.5 on all eight AP exams taken, and scores of 3 or higher on five or more exams
- **AP Scholar with Honor**, Received an average score of at least 3.25 on all four AP exams taken, and scores of 3 or higher on four or more exams

Boy Scouts of America, Troop 52

Doylestown, PA

SENIOR PATROL LEADER · JUNIOR ASSISTANT SCOUT MASTER

June 2008 - June 2015

- **Eagle Scout**, Based on character and scholarship, highest rank in scouting
- **Order of the Arrow Member**, Scouting's honor society - inducted in by fellow scouts
- Over 300 hours of service

National Merit - Commended

Central Bucks High School South

NATIONAL MERIT SCHOLARSHIP CORPORATION

2013

- Awarded to those that scored in the 96th percentile on the PSAT/NMSQT