

# Brian Choromanski

COMPUTER SCIENCE · MATHEMATICS

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## Education

### University of Pittsburgh

B.S. IN COMPUTER SCIENCE WITH A MINOR IN MATHEMATICS

- 3.50 CS GPA

Pittsburgh, PA

August 2015 - Exp. Fall 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 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

## Relevant Experience

### ARRIS International PLC

Horsham, PA

SOFTWARE DEVELOPMENT INTERN · NETWORK & CLOUD GLOBAL SERVICES DEPARTMENT

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

## Honors, Awards, & Activities

### University of Pittsburgh Groups and Service

Pittsburgh, PA

UNIVERSITY OF PITTSBURGH

August 2015 - PRESENT

- 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

## Other Work Experience

### IHOP

Warrington, PA

DISHWASHER AND BUSBOY

May 2017 - August 2017

### Carmel Kitchen and Wine Bar

Warrington, PA

VARIETY OF POSITIONS INCLUDING EXPEDITER, FOOD PREP, HOST, DISHWASHER, ETC.

April 2015 - January 2017