

Brian Choromanski

COMPUTER SCIENCE · MATHEMATICS

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choromanski



Education

University of Pittsburgh

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

- 3.36 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, Wireless Networks, 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, Topics In Geometry, Intro to Matrices & Linear Algebra, Analytical Geometry & Calculus 1-3, Applied Statistical Methods

Relevant Experience

ARRIS International PLC

SOFTWARE DEVELOPMENT INTERN · NETWORK & CLOUD GLOBAL SERVICES DEPARTMENT

- 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

Horsham, PA

May 2018 - August 2018

🔗 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

UNIVERSITY OF PITTSBURGH

- 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

Pittsburgh, PA

August 2015 - PRESENT

AP Scholar Award

COLLEGE BOARD

- **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

Central Bucks High School South

2014 & 2015

Boy Scouts of America, Troop 52

SENIOR PATROL LEADER · JUNIOR ASSISTANT SCOUT MASTER

- **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

Doylestown, PA

June 2008 - June 2015

National Merit - Commended

NATIONAL MERIT SCHOLARSHIP CORPORATION

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

Central Bucks High School South

2013

Other Work Experience

IHOP

DISHWASHER AND BUSBOY

Carmel Kitchen and Wine Bar

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

Warrington, PA

May 2017 - August 2017

Warrington, PA

April 2015 - January 2017