

# Brian Choromanski

SOFTWARE ENGINEER · B.S. COMPUTER SCIENCE

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## Experience

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### CommScope Inc.

Horsham, PA

SOFTWARE ENGINEER · SERVICES SOFTWARE DEVELOPMENT

2019 - 2023

- Participate in new release planning, including calculating LOE, and creating/refining requirements with customer
- Support products through customer production deployment and live support
- Lead a team of software engineers through training, mentorship, and task assignment
- Conduct daily scrums and write development practices for each relevant stage of SDLC

### ARRIS International PLC

Horsham, PA

SOFTWARE DEVELOPMENT INTERN · NETWORK & CLOUD GLOBAL SERVICES DEPARTMENT

Summer 2018

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

### 🔧 Know-Now

Pittsburgh, PA

STEELHACKS HACKATHON SUBMISSION

March 2019

- Developed web and iOS application to display network traffic through Pitt's campus
- Used a Raspberry Pi to determine the number of devices connected to APs through Pitt's campus to improve probability of finding a suitable study location

## Education

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### University of Pittsburgh

Pittsburgh, PA

B.S. IN COMPUTER SCIENCE

2015 - 2019

#### 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

## Skills & Abilities

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- Languages** Proficient: Java, C, Python, Bash, JavaScript, SQL  
Familiar: Ruby, NodeJS, PHP, jQuery, MIPS/x86, HTML5, CSS, LaTeX
- Frameworks** Flask, Wildfly, Spring, Bootstrap
- Workflow** Agile Development, Scrum, GitFlow

## Honors, Awards, & Activities

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### University of Pittsburgh Groups and Service

Pittsburgh, PA

- 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

2015 - 2019

### Boy Scouts of America, Troop 52

Doylestown, PA

SENIOR PATROL LEADER · JUNIOR ASSISTANT SCOUT MASTER

2008 - 2015

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

### Hobbies & Interests

**TECHNICAL** Contributing to Open Source Projects, Electronic/Arduino Development, Home Server, Amateur Radio (KC3OLL)

**OUTDOOR** Disc Golf (PDGA #149208), Bouldering, Skiing, Biking, Backpacking, Canoeing, Camping