Brian **Choromanski**

SOFTWARE ENGINEER · B.S. COMPUTER SCIENCE

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Experience

CommScope Inc.   *Horsham, PA*

SOFTWARE ENGINEER · SERVICES SOFTWARE DEVELOPMENT   *2019 - 2023*

- Lead team while upgrading codebase from Java 6 to 8 and migrating backend from Websphere to Wildfly.
- Created and automated hundreds of API tests using Pytest for internal testing. Integrated CI and monitoring tools to enhance the effectiveness of the test suite.
- Participated 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 wrote 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.

Projects

🔗 www.choroman.ski/dg

CUSTOM WEBSITE TO SHARE DISC GOLF SCORECARDS

- Website displays scorecards and generates statistics for each player and course.
- Selfhosted using Flask and PostgreSQL as well as a Discord bot for adding scorecards.

⑂ 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.

Skills & Abilities

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

Education

University of Pittsburgh   *Pittsburgh, PA*

BACHELOR OF SCIENCE IN COMPUTER SCIENCE   *2015 - 2019*

Computer Science	Algorithm Implementation (Java), Operating Systems (C), Systems Software (C), Software QA (Ruby, Selenium), Database Management Systems (PostgreSQL), Formal Methods In CS, Assembly Language (MIPS), Cloud Computing (GCP, Azure, AWS, Docker, Kubernetes), Web Programming (JS, Python, Flask, SQLite)
Mathematics	Mathematical Cryptography, Theoretical Mathematics, Differential Equations, Matrices & Linear Algebra, Analytical Geometry & Calculus 1-3, Applied Statistical Methods

Honors, Awards, & Activities

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, Sailing, Skiing, Biking, Backpacking, Canoeing, Camping