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ARSH KOCHHAR

Computer Engineer



Personal Profile

- Computer Engineering Student at Queen's University
- Blockchain Enthusiast
- Skilled and Diverse Programmer (GitHub is linked at the bottom)
- A strong business acumen and entrepreneurial mindset, seen through my experience as executive at QSS & QEC (described further)



Technical Skillset

- Languages: Java | Python | C | JavaScript | MATLAB
- Technologies: HTML | CSS | jQuery | Node.js | Express API | React.js
- Tools: Sublime Text | IntelliJ IDEA | Adobe Photoshop CC | Bootstrap



Social Media

- LinkedIn: [Arsh Kochhar](#)
- Personal Website: <https://arshkochhar.github.io/ArshKochhar/>
- GitHub: www.github.com/ArshKochhar/



Hobbies & Interests

- Passion for Designing (UX/UI) and Web Development
- Creating Blockchain based applications
- Avid Videographer and Editor
- I love playing sports, especially Soccer & Volleyball
- Musically Inclined: Singer and Guitarist

My Projects

Blockchain & Cryptocurrency

- Using Node.js servers, and Express API with test driven development to code the backend
- Developing a frontend web application using React.js
- Deployed the project in a public environment to make it accessible
- Understood the core software concepts behind blockchain and cryptocurrencies

Personal Website

- Developed using HTML, CSS, JavaScript, Bootstrap
- Followed a timeline that demonstrates effective planning
- Version 2.0 is hosted on my GitHub
- Learnt the Git Command line to host the website

Extracurricular Involvements

Queen's Hyperloop Design team: Software Developer & Sponsorship Coordinator (October 2018 - Present)

- Assisted in developing software for STM32 microcontroller using C
- Designing/testing sensors to ensure successful functionality
- Attended calls with Campus recruiters from EY, PWC to discuss the possibility of a sponsorship opportunity and acquired PWC
- One of the 20 teams out of a pool of 1500 to be invited to the Space X Hyperloop Pod competition (California) in 2019

Queen's Entrepreneurs' Competition: Technology Executive (March 2019 - Present)

- "One of the longest-running and best-known undergraduate business plan competitions in the world" ~ The New York Times
- Oversee IT related aspects, including and not limited to the website (HTML, CSS, JS through WordPress) and coordination of tech on competition weekend
- Work closely with the publications team to innovate the website

Queen's Startup Summit: Director of Outreach (December 2018 - Present)

- Assisting with marketing and developing a creative user interface for the competition website
- Collaborating to find sponsors and judges for the 'Startup Pitch'
- Establishing connections with industry professionals to provide competitors insight through a guest speaker series

Volunteer Experiences and Work

SmartIB App Ambassador ('16 – '18)

- Identified out errors and bugs in the app
- Raised 10,000 subscribers on various social media platforms

Leadership Developer ('15 – '18)

- International Baccalaureate Mentorship Conference
- Motivated student leaders
- Conducted Group Activities and mentored IB Freshmen

Sales Associate - Reitman's ('15 – '18)

- Assisted an average of 20 customers per shift in selecting items that generated \$2000 in **additional revenue**
- Demonstrates versatility

Part-time Tutor ('15 – '18)

- 30+ Student mentored per shift from K-12
- Tutored in Math, English and Science