SAUMYA GUPTA

Computer Science Student

s278gupt.github.io
saumya.gupta@edu.uwaterloo.ca

Github: https://github.com/s278gupt   Linkedin: https://www.linkedin.com/in/saumyagupta278/

Education

September 2018 - May 2023 (expected)

Candidate for Bachelor of Mathematics, Honours Computer Science, Co-op, University of Waterloo, Canada

Relevant courses: Object Oriented Software Development, Elementary Algorithm Design and Data Abstraction

Awards/Scholarships: Dean's Honors Term List (per term), President's Scholarship of Distinction, President's Research Award, President's International Experience Award

May 2018

International Baccalaureate Diploma, Aga Khan Academy Mombasa, Mombasa, Kenya

Tuckshop Database Project, March 2018
- Analyzed current system to prioritize user requirements
- Developed point-of-sale database using MS Access, VBA and SQL

Experience

May 2019 - August 2019

Software Engineer Intern, CareGuide Inc, Toronto, Canada
- Developed full-stack, test-driven React (front-end) and Ruby on Rails (backend) features for production
- Implemented 3 successful A/B experiments
- Deployed Kubernetes clusters in AWS EKS, and managed containerized (Docker) services
- Halved deployment times by optimizing build pipelines through efficient caching and Docker orchestration

June 2016 - August 2016

Developer Volunteer, University of Waterloo, Canada
- Co-created GUI manager tool in Java EE, Servlets, JS, HTML, CSS
- Interpreted functional and behavioral specs as Technical Lead
- Debugged, collaborated remotely and logged progress using OneDrive and Google Sheets

Volunteering + Projects

September 13-15, 2019

o.OCat Chrome Extension, Hack the North, Waterloo, Canada
- Co-developed Google Chrome Extension using the Extension API and Flask to prevent programmers from straining their eyes
- Used async request handling to store photos on Google Firebase DB
- Implemented facial feature tracking using Microsoft Azure's Face API and OpenCV

January 2019 - April 2019

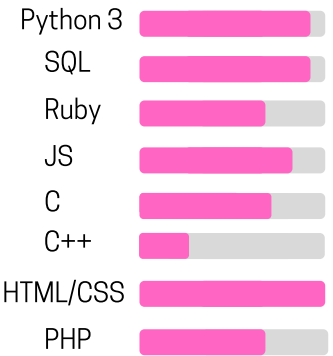**Developer, Entrepreneurship Society, University of Waterloo, Canada**
- Co-developing platform to connect startups and developers using Full Stack, particularly REACT and Node.js
- Collaborating with effective web-dev strategies using Slack, Linter, Google Calendar and Github

February 2019 - present

Database Administrator, Aga Khan Education Services
- Owned alumni database migration from Excel to AirTable

Programming Languages

Language	
Python 3	████████░
SQL	████████░
Ruby	███████░░
JS	████████░
C	██████░░░
C++	██░░░░░░░
HTML/CSS	█████████
PHP	██████░░░

Application Software

Microsoft Office, Google Apps, Adobe Illustrator, GIMP

Certifications

- Diplome d'études en langue française - B2
- Freecodecamp Responsive Web Design Certificate

Activities and Interests

Graphic Designer, WUSA, University of Waterloo, 2019-present
- Design for Special Events and Student-Run Services portfolio

TEDxYouth@AKAMombasa, 2016-18
- Founded and led TEDx at high school
- Managed curation, budgeting, marketing, logistics, IT, design and AV teams

Kenyan National Badminton Team, Girl's Singles, 2017-present

Digital Art, Illustrator and Gimp, 2016-present
behance.net/s278gupt9222

Coding Club Mentor, 2016-17
Co-taught 18 middle school students basic HTML, CSS, PHP using Google Slides and Edmodo

Theatre, 2015-present
Developing public speaking and performance skills through acting