Amir Yalamov

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⌨ Personal Website | ⓞ Github Profile

Experience

deltaStack
Software Developer
Toronto, ON
June 2019 – Present

- Developed schema models for MongoDB and API endpoints in JavaScript to create clean and scalable backend architecture for web app, tested in Postman and deployed in Heroku
- Implemented backend for encrypted password system and authentication security using bcrypt and JSON web tokens, complying to industry security standards for platform to be used internationally.
- Applied Agile when designing project structure, running meetings and coding sprints, allowing projects to finish 1 week of client's deadline

TD Bank
Business Systems Analyst
Toronto, ON
May 2019 – Aug 2019

- Worked on Strategic Risk Management team in Infrastructure and Technology Solutions
- Developed VBA script that works with intranet site's DOM and HTML to automated various Senior Management approval processes by streamlining workflow to decrease approval turnaround time by 50%
- Analyzed infrastructure control gaps to reduce workload by identifying themes and alignment with existing open control gaps, allowing project to be completed 3 weeks ahead of schedule

Computer Science Undergraduate Society
VP Academic
London, ON
Apr 2019 – Apr 2020

- Organized and executed academic themed events and initiatives with 100+ participants such as a TD Bank tech workshop and Microsoft sponsored Azure workshop to help Computer Science students excel
- Managed portfolio of Academic Directors, delegating tasks and promoting efficiency and cooperation within portfolio and rest of society, allowing for completion of event planning 1 week prior to event date

BeeWare Project
Open Source Software Developer
Toronto, ON
June 2018 – Sept 2018

- Built Python main library functions in Java, allowing extra Python functionality to be used on JVM
- Wrote unit tests in Python allowing 100% of VOC test suite to pass consistently in all machine environments
- Gained knowledge on DevOps, such as Continuous Integration, smoke testing, and Git workflow

Projects

Hackers Against Dumb Posts
Python, Java, Clarifai API, Google Cloud
ⓞ GitHub Link

- Mobile keyboard plug-in that uses computer vision and sentiment analysis to classify how controversial your social media post might be based on words, topics, and images contained

surgeon-helping-hand
JavaScript, Arduino, LeapMotion, LeapMotion API
ⓞ GitHub Link

- Awarded "Best Healthcare Hack Award"
- Platform for surgeons to perform remote surgery over the internet by controlling a robotic hand with kinetic finger movements detected by an infrared sensor

Technical Skills

Languages
Java, Python, C, C++, VBA, MySQL, JavaScript, HTML, CSS

Technologies
Git, GitHub, Unix, Ubuntu, Bash, MongoDB, Postman, Heroku, JSON

Software Engineering
Object Oriented Design, Agile, UML, Scripting/Automation, CI

Education

Western University
BSc. in Computer Science
Minor in Software Engineering
Sept 2017 – Apr 2021
London, Ontario, Canada

Awards

- **Best Healthcare Hack Award**: Won at DeltaHacks IV, out of 143 teams, *Jan 2018*
- **Professional Engineers of Ontario Scholarship**: Based on academic success and extracurriculars, *Oct 2017*
- **Best UI/UX Award**: Won at StarterHacks, out of 71 teams, *Mar 2017*
- **Best Overall Hack, 2nd Place**: Won at UTSHacks, first ever hackathon participation, *Jan 2017*

Soft Skills

- High enthusiasm for learning and challenges
- Strong problem-solving and analytical skills
- Self starter with bias for action
- Clear communicator
- Passion for technology and leadership

Interests

Swimming, Piano, Reading, Personal Fitness, Music, Cars, Biking, Coconut Water, Shawarma