https://github.com/AmirYalamov
https://amiryalamov.github.io

AMIR YALAMOV

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EXPERIENCE

Software Engineer   **deltaStack**   **June 2019 - Present**
- Develop schema models for MongoDB and corresponding API endpoints in JavaScript to create clean and scalable backend architecture for web app, tested in Postman and deployed in Heroku
- Implement 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
- Apply Agile methodology when designing project structure, running meetings, and running coding sprints, allowing projects to finish 1 week of client's deadline
- Strategize and make executive decisions on company's culture, growth direction, and finances

VP Academic   **Computer Science Undergraduate Society**   **Apr 2019 - Present**
- Ideate, organize, and execute academic themed events and initiatives with 100+ participants such as an industry internship panel and a resume editing program to help Computer Science students excel
- Manage portfolio of Academic Directors, delegating tasks and promoting efficiency and cooperation within Academic portfolio and rest of society, allowing for completion of event planning 1 week prior to event dates

Business Systems Analyst   **TD Bank**   **May 2019 – Aug 2019**
- Worked on Strategic Risk Management team in Infrastructure and Technology Solutions
- Coded Visual Basic script that works with intranet site's DOM and HTML to automated various Senior Management approval processes by streamlining workflow and increasing approval turnaround time by 50%
- Analyzed infrastructure control gaps to reduce workload by identifying themes/alignment with existing open control gaps, allowing project to be completed 3 weeks ahead of schedule

Open Source Developer   **BeeWare Project**   **Jun 2018 – Sept 2018**
- Coded Python built-in functions in Java, allowing extra Python functions to run on Java Virtual Machines
- Researched Python documentation and project's codebase to efficiently implement said functions
- Develop unit tests in Python allowing 100% of VOC test suite to pass consistently in all machine environments
- Work on industry-sized project with large codebase and 160+ contributors to gain knowledge on software engineering practices including DevOps, such as Continuous Integration, smoke testing, and Git workflow

AWARDS

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

PROJECTS

- **Hackers Against Dumb Posts** (Hack the North, Sept 2018): 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. Built with Python, Java, Clarifai API, Google Cloud
- **Surgeon-helping-hand** (DeltaHacks, Jan 2018): Awarded "Best Healthcare Hack Award". Platform for surgeons to perform remote surgery over the internet by controlling a robotic hand with hand gestures detected by an infrared sensor. Built with JavaScript, Arduino, LeapMotion, LeapMotion API

EDUCATION

London, ON   **University of Western Ontario**   **Sept 2017- Apr 2021**
- Honors BSc. in Computer Science, Minor in Software Engineering

TECHNOLOGIES & SKILLS

- Skilled in Java, Python, C/C++, VBA, MySQL, Git, GitHub, Linux/Unix, Shell, UML, OOD, Automation