Tabeeb Yeamin

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Education

University of Toronto, Honours Bachelors of Science - Computer Science, GPA: 3.71/4.00   **Sep. 2017 - Apr. 2022**

- **9x Teaching Assistant:** Intro to Programming & Computer Science, Calculus I & II, Systems & Web Programming, Databases
- **Extracurriculars:** President - Computer Science Enrichment Club, Executive - Association of Math and CS Students, Hack the Valley

Experience

Confluent | Software Engineering Intern   May 2020 - Aug. 2020

Technology: Python, Django, Hashicorp Vault, Terraform, Kubernetes   Mountain View, CA

- Sped up task management process by 5-10x for 100+ engineers by developing a Slack Bot that automated JIRA ticket interfacing
- Improved productivity & visibility by implementing a feature that allowed logging of critical incidents to internal status page website
- Tracked health & alerted of degradation in the Okta authorization software pods via development of a Kubernetes readiness probe

Royal Bank of Canada | Site Reliability Engineer Intern   Sep. 2019 - Dec. 2019

Technology: Java, Ansible, Powershell, Elastic Stack, JavaScript, Angular   Toronto, ON

- Reduced ~120 hours of annual work by automating renewal of SSL certificates on 20+ servers with customizable Ansible Playbooks
- Automated adding & removing users to service groups using Service now API & automated space creation in Kibana using Elastic API
- Developed a web application that helped clients decide whether to rent or buy a home based on income, expenses, credit score & more

International Financial Data Services | Software Developer Intern   May 2019 - Aug. 2019

Technology: Java, Spring Boot, Thymeleaf, VBA, Jenkins, Groovy, HTML, CSS   Toronto, ON

- Sped up merge process ~10x by creating an internal tool which processes GitLab merge request & JIRA JSON through a REST endpoint
- Automated migration of 500+ Jenkins Jobs using Groovy scripts & post-build plugins to notify engineers of disabled, outdated builds
- Set up 40+ parameterized Jenkins Job templates with GitLab configurations & fixed git initialization bug affecting 10+ slave nodes

University of Toronto | Teaching Assistant   Sep. 2019 - Aug. 2021

Technology: C, Python, Flask, SQL, SQLite, Bash, LaTex, Linux   Toronto, ON

- Explained Computer Science & Mathematics concepts to 300+ students through tutorials, seminars, notes & course websites
- Designed, marked &/or provided feedback on labs, biweekly quizzes, assignments, term tests & final exams for 2000+ students
- Developed an automarker to automate grading & detect plagiarism for 200+ coding assignments using C, Bash Script & Quercus API

Skills

Languages/Frameworks: Python, Java, C, C#, JavaScript, SQL, Bash, HTML, CSS, Flask, Express, Spring Boot, Django, React, .NET Core

Databases & CI/CD: MongoDB, PostgreSQL, Neo4J, Elasticsearch, Jenkins, Kubernetes, Terraform, Docker, Ansible, Maven, Git, SVN

Projects

Project Anything - Web Based Digital Audio Workstation   youtu.be/dskWQh1FS78

- A highly performant & secure web-based platform that allowed authenticated users to create, edit & share their audio & music
- **Technology:** MongoDB, Express, React, Node.js, Heroku, GoogleAuth & audio libraries

Digital Finance Institute FinTech ChatBot   youtu.be/lb6Rp301H8Q

- Implemented web crawler & data retrieval API for a prototype of Canada's 1st encyclopedic FinTech & Artificial Intelligence Chatbot
- **Technology:** Python, Flask, BeautifulSoup, SQLite, MaterialsUI & IBM Watson

TYEducational (YouTube Channel)   youtube.com/c/tyeducational

- Achieved 10000+ views while helping 200+ unique students review course material by planning, editing & filming educational videos
- **Topics:** Data structures & algorithms, derivation, integration, proofs, sequences & series