Tabeeb Yeamin

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Education

University of Toronto, *Honours Bachelors of Science - Computer Science*, **GPA: 3.73/4.00** **Sep. 2017 - Apr. 2022**
Courses: *Algorithms Analysis, Software Engineering, Operating Systems, Systems Programming, Data Structures, Databases & Web Applications*

Experience

Confluent | *Software Engineering Intern*, Mountain View, CA **May 2020 - Aug. 2020**

- Developed & deployed a **Python** Slack Bot using **Django**, **Kubernetes**, **SemaphoreCI** that automated the creation, deletion & modification of JIRA incident tickets
- Implemented incident logging functionality with Status Page API to allow creation & modification of incidents on status page website
- Developed a Kubernetes readiness probe which tracked the health of the authorization software pods ensuring stability of Okta group management

Royal Bank of Canada | *Site Reliability Engineer Intern*, Toronto, ON **Sep. 2019 - Dec. 2019**

- Saved the company a projected ~120 hours annually through automating certificate renewal process by creating a customizable **Ansible** Playbook that generated & bound SSL certificates to 20+ concurrent servers using **Hashicorp Vault** & Internal APIs
- Automated adding & removing users to service groups using Service now API & automated space creation in **Kibana** using Elastic API
- Designed, developed & pitched a web application that helps clients decide between renting or buying a home based on factors such as income, expenses, credit score/history & more using **Java, Angular** & **Spring Boot**

International Financial Data Services | *Software Developer Intern*, Toronto, ON **May 2019 - Aug. 2019**

- Accelerated merge process ~10x by creating a POC of an internal tool, the GITJIRA report, which processes GitLab merge request & JIRA task JSON data through a **REST** endpoint using **Java**, **Spring Boot**, Thymeleaf & VBA
- Expedited subversion to git **Jenkins** job migration by automating the cleaning up of 500+ jobs using **Groovy** scripts & Jenkins Email post-build plugin to filter & notify Engineers of disabled, outdated & infrequently ran builds
- Setup 40+ parameterized Jenkins Jobs templates for 10+ teams with newest git & GitLab configuration settings & fixed git initialization bug in Jenkins script which affected 10+ slave nodes

University of Toronto | *Undergraduate Teaching Assistant*, Toronto, ON **Sep. 2019 - Apr. 2021**

- Instructed 30+ students on the fundamentals of Computer Science & Calculus by holding weekly tutorials & office hours
- Designed, marked & provided feedback on evaluations such as biweekly quizzes, midterms & final exams for 200+ students

Skills

Languages/Markup: Python, Java, C, C#, JavaScript, Bash, SQL, Groovy
Web/Frameworks: Spring Boot, Express, Flask, Django, .NET Core, Angular, HTML, CSS
Other: MongoDB, SQLite, Jenkins, Maven, Ant, Git, Svn, Docker, Ansible, Elastic Stack, Kubernetes

Projects & Activities

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

- Collaboratively developed & deployed a web application using **Node.js**, **express**, **MongoDB**, GoogleAuth & Javascript audio libraries that allows authenticated users to create, edit, upload & share music tracks

Digital Finance Institute FinTech ChatBot *youtu.be/lb6Rp301H8Q*

- Collaboratively programmed a prototype for Canada's 1st ChatBot with encyclopedic knowledge of FinTech & AI using **IBM Watson**
- Implemented web crawling, advanced search filtering & concatenated **Flask** controller & **Spring** model using REST endpoints

TYEducational (YouTube Channel) *yt.vu/+tyeducational*

- With 3000+ views, helped 80+ unique students review course material by planning, editing & filming videos on Computer Science & Mathematical topics like data structures, integration, sequences & series

Association of Mathematical & Computer Science Students *github.com/tabeebyeamin/AMACSS*

- Taught 400+ students introductory Computer Science concepts such as sorting algorithms, recursive data structures & memory management by planning & presenting review seminars, study guides & holding weekly office hours