

TIAGO FERREIRA

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SOFTWARE EXPERIENCE

BACKEND DEVELOPER – IBM

MAY. 2020 – AUG. 2020

- Expect to work on the open-source cloud team to write scalable code using **Java, Go, & Kubernetes**

GOOGLE HASH CODE 2020

FEB. 2020

- Led a team of 2, against professionals, to solve a Google engineering problem using **Python**; Scored in top **60%**

RESEARCH ASSISTANT – UNIVERSITY OF TORONTO

SEPT. 2019 – FEB. 2020

- Optimized script efficiency by 75% in **Linux** environment by managing memory usage on 22+GB file parser
- Managed Information storage and refined database documentation using **Elasticsearch & Python**

SOFTWARE DEVELOPMENT ENGINEER INTERN – PUBLICIS SAPIENT

JUN. 2019 – AUG. 2019

- Became familiar with code base in < 1 week, integrated a language toggle with pre-existing components and did front-end testing on **AngularJS & Java Spring Boot** architecture, in **Agile** environment
- Increased revenue by automating time series forecasting on competitor data using **MySQL & Python**

SOFTWARE DEVELOPER – UNIVERSITY OF TORONTO PRE-PHARMACY CLUB

DEC. 2018 – DEC. 2019

- Managed client expectations to design and develop an online platform for 500+ students using **Bootstrap**
- Optimized bounce rate by 40%; Improved information architecture through A/B testing on Google Analytics

EDUCATION

HBSc. COMPUTER SCIENCE SPECIALIST – UNIVERSITY OF TORONTO, ST. GEORGE

EXPECTED NOV. 2021

- Double Minor in Statistics & Mathematics; **Major GPA: 3.87/4.0**
- Data Structures, Algorithm Design, Databases, Software Design, Machine Learning, Systems Programming

AWS CLOUD PRACTITIONER ESSENTIALS: AWS CORE SERVICES – AMAZON WEB SERVICES

SKILLS

- **Languages:** Python, Java, HTML/CSS, JavaScript, SQL, C, C++, Objective-C, Julia, R
- **Tools/Frameworks:** Flask, React, Django, AngularJS, Git, TensorFlow, Kubernetes, Spring boot, AWS, Elasticsearch

PROJECTS

ANGLEO (CONUHACKS) – [WWW.GITHUB.COM/TIAGOF99/ANGLEO](https://www.github.com/tiagof99/angleo)

- Developed an Android/iOS platform for Anglophones using **MongoDB, React-Native, Objective-C, & Git**
- Analysed data to engineer an online dashboard for government insight using **Express.js, Node.js, Plotly, & GCP**

PINIT – [WWW.GITHUB.COM/TIAGOF99/PINIT](https://www.github.com/tiagof99/pinit)

- Developed a social networking platform on a scalable architecture using **Django, React, PostgreSQL, & Docker**

REELML – [WWW.GITHUB.COM/TIAGOF99/REELML](https://www.github.com/tiagof99/reelml)

- Developed a platform to automate critic score on movie title predictions using **Flask, Fetch, Keras, & Pandas**

LINKUP (RUHACKS) – [WWW.GITHUB.COM/TIAGOF99/LINKUP](https://www.github.com/tiagof99/linkup)

- Led 3 students in creating an android platform to connect users through events using **Java & PostgreSQL**