

# Victor Brestoiu

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## Education



### University of Waterloo

HONOURS COMPUTING AND FINANCIAL MANAGEMENT, BACHELOR'S

Waterloo, ON

Apr 2021

## Experience



### Boosted AI

AI ENGINEER

Toronto, ON

Aug 2020 - Dec 2020

- Helped build out and deploy an NLP-based AI portfolio analysis tool that identified high-relevance topics to client portfolios, to assist users in finding hidden interdependencies and risk exposures
- Transitioned the proof-of-concept system to a step-based pipeline, allowing for quicker debugging and iteration, as well as increasing robustness and reducing tight coupling between runtime stages



### Rysumy

FOUNDER

Mississauga, ON

Jan 2020 - Present

- Independently expanded tooling built for creating my own resume into a platform that empowers users to not only create beautiful resumes but also gain analytics data of how recruiters interact with Rysumy resumes
- Leveraged and generalized infrastructure already developed for Amitue to bring online core tools such as Continuous Integration and Continuous Deployment, databases, servers, and more in under a week



### Amitue

FOUNDER

Mississauga, ON

Jan 2020 - Present

- Managed and mentored a first year BETS (Engineering) student for their first co-op via Slack messages and web calls; guided student through industry-standard code review and deployment processes
- Developed framework for scheduling plugins to allow niche products such as [Amitue Meetings](#) to integrate with the Amitue ecosystem as a strategy to drive growth and user engagement



### GTS

C/C++ CORE TECH DEVELOPER

New York, NY

May 2019 - Aug 2019

- Scoped, built, and owned a core infrastructure Python library used by multiple teams, featuring key integrations to Apache Airflow
- Completely overhauled an end-of-day compliance and surveillance system, including reports and market data ingestion, for internal and NYSE data



### Morgan Stanley

TECHNOLOGY ANALYST

New York, NY

Sep 2018 - Dec 2018

- Delivered a KDB-based metrics-tracking web app for internal application usage; managed project from requirements gathering to deployment
- Built a simple, extensible framework for training NLP models and sweeping hyperparameters; feature helped automate part of the trader workflow



### Microsoft

SOFTWARE ENGINEER INTERN

Vancouver, BC

Jan 2018 - Apr 2018

- Worked closely with developers, analysts, and project managers as the main point of contact for the engine telemetry system; became the defacto owner
- Integrated and augmented the open source library Dear ImGui as an optional module to be used by the engine as a cross-platform GUI system; significantly improved quality, usability, and maintenance of developer tools



### Relic Entertainment

ASSOCIATE PROGRAMMER

Vancouver, BC

May 2017 - Aug 2017

- Personally responsible for designing (technical), developing, documenting, and owning a critical path gameplay subsystem; completed deliverable in only 75% of allocated time; Agile environment
- Impacted all aspects of the code base, including the simulation, scripting system, presentation, tools/editor, and build system; proactively looked for work even outside of direct areas of responsibility

## Skills

### Programming Languages

C++, Python, Scala, C#, JS/CSS/HTML, Scheme, SQL, Q/KDB, Typescript, Nim

### Technologies

Terminal/CLI, Visual Studio, Git, Perforce, Arduino, Code::Blocks, Unity, MS Office/Libre Office, Docker, Firebase, Angular, Tensorflow, MongoDB, AWS

### Interests

Computer Games, Reading, Chess, Travelling, Swimming, Business, Philosophy, Psychology

### Certifications (Previous)

CPR-C, Emergency First Aid, Standard First Aid