Terry Fu

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Education

University of Calgary, Alberta, Canada	**Sept. 2019 – May 2023**

Bachelor of Science, Computer Science Combined with Actuarial Science   *Major GPA: 3.49*

- **Relevant Course Work**: Data Structures Algorithms and Their Analysis, Computer Machinery II, Object Oriented Programming, Life Contingencies I, Theory/Mathematics of Finance, University Calculus III, Design and Analysis of Algorithms I

Experience

Frontend Developer Intern	Apollo DAE Inc. - Remote	**May 2021 – Sept. 2021**

- Led development of websites and mobile applications from **concept** through **deployment**
- Collaborated with **User Experience** and **User Interface** teams for **technical feasibility**
- **Drove team communications** and **debugging** for a refined final product
- Technologies used: **Svelte JS, Tailwind CSS, Heroku, Firebase**

Fullstack Developer	Expandable Esports – Calgary, AB	**Jan 2021 – May. 2021**

- Spearheaded **proposals** and **redesign** of an Official Esports website, and landing page including **reducing 100%** of costs in hosting webpage and **Search Engine Optimization**
- Technologies used: **HTML, CSS, JavaScript**

Teaching Assistant/Tutor	C&C EduCenter – Calgary, AB	**Nov. 2019 – Mar. 2020**

- Assisted in teaching Python to a group of **10-30** students on a weekly basis

Selected Projects

Blogging Application	**Feb. 2021**

- **Conceptualized, designed**, and **implemented** a **full stack CRUD** social media application in under a week with **170ms delay** of posts between users by leveraging the **PERN stack** and **web sockets**

Frogger Clone for a Raspberry Pi 4 and SNES controller	**May. 2021**

- **Designed** and coded a fully functional Frogger clone using **C** and **ArmV8 Assembly** for a **Linux operating system**

Leadership and Extracurriculars

Dinos Men Rugby Team	University of Calgary	**Aug 2021 – Current**

VP Development & Software Developer	Tech Start UCalgary	**Jan. 2021 - Current**

- Work **collaboratively** with the development team on cultivation events throughout the year
- Researching **software development industry best practices** and assisting Project Managers in **all aspects of development**

781 Royal Canadian Air Cadets	Deputy Flight Commander	**Jan. 2014 – Sept. 2016**

- Responsible for **leading** and **mentoring** a group of roughly **30-40 cadets**
- **Taught** various classes including topics in leadership, military, survival skills, and aviation

Technical Skills

Languages: Python, Java, JavaScript, TypeScript, C, C#, R, SQL, NoSQL, HTML, CSS,
Technologies: React JS, React Native, Svelte JS, NativeScript, Firebase, Node JS, Bootstrap, Unity, Git, Figma, REST API, Angular JS