Albert Cao

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Technical Skills

- Operating Systems: Windows, macOS, iOS, Ubuntu Linux
- Programming Languages: C/C++/C#, Python, HTML5, CSS, JavaScript/jQuery, Bootstrap, SQL
- Development Tools: Microsoft Visual Studio, Microsoft ASP.NET, Git, Unity
- Design Tools: Adobe Photoshop, Figma, Axure RP, Sketch
- Graphics Tools: Autodesk Maya, Krita

Work Experience

Virtro Technology Inc.   **Vancouver, BC**
Computational Linguistics Developer/Full Stack Developer   April 2019 – September 2020

- Designed, developed, and maintained a web-based application for the purposes of creating and driving story-based content for the *Argotian* VR project, reducing story production time by 50%
- Built, configured, and administrated 2 *Microsoft SQL Server* databases to store content for *Argotian*
- Programmed, maintained, and quality-tested 16 language assessment tools for *Argotian*'s learning analytics using *Python*
- Built and refined 2 neural network models for natural language understanding using *Python*
- Further developed *C#* skills by implementing an in-game dialogue system for *Argotian* in *Unity*
- Collaborated daily with a tight-knit team in an agile environment

Elections BC/City of Coquitlam   **Coquitlam, BC**
Voting Officer/Election Official   April – May 2017, October 2018

- Greeted, guided and educated 200+ voters in a friendly and professional manner
- Practiced efficient communication during the processes of voter verification and registration
- Matured a keen eye for detail by hand-counting 500+ ballots, ensuring the integrity of the final vote tally

City of Coquitlam Summer Camps   **Coquitlam, BC**
Volunteer Leader   June – August 2011

- Fostered leadership abilities by supervising 10+ children aged 3-5 and 8-11 over the span of 3 months
- Organized and implemented 20+ indoor and outdoor activities ranging from arts and crafts to sports
- Facilitated a fair, fun, and safe environment by engaging in conflict resolution and addressing behavioural issues when appropriate

Education

Simon Fraser University   **Burnaby, BC**
Major: Bachelor of Arts, Cognitive Science   September 2014 – December 2020

- Cognitive Science is the interdisciplinary study of the mind and its processes, incorporating ideas from Psychology, Philosophy, Linguistics, and Computer Science. Topics of interest include consciousness, language, learning, information processing, and decision making.

Dean's Honour Roll

- Awarded to students who achieve a term GPA over 3.50 (out of 4.33)
- Received Fall 2016, Fall 2017, Spring 2018, Summer 2018, Spring 2019, Summer 2020