

ALEXIS GERVACIO

Computer Science Major, 3rd Year avacio.github.io

EXPERIENCE

April 2018 - Current

UBC Psychology Department | Unity Developer

Skills: Unity, C#, SMI Eye-Tracking API

- Developing VR software to study the gap effect using HTC Vive and SMI Eye-Tracking API
- Using multithreading to read/write data sets of trials

PROJECTS

March 2018

?i? θə ?e:nθə | Sole Programmer

Skills: Unity, C#



- 2D platformer puzzle game for learning the Musqueam language of handaminam
- Implemented puzzle-checking, keyboard, UI, and sprite animations

October 2017 - March 2018

TA∃I∆I: Cyprus | Team Member

Skills: WebVR (A-Frame), Unity, Blender, C#, HTML, Javascript



- VR/AR scavenger hunt for HTC Vive and Web
- For Dr. Fisher: a learning tool on ancient Cyprus
- Implemented object-checking, Reward and Punishment outcomes (lightning)
- Created audio assets of Zeus and sword art

February 2018

Hip Hop Frog Flop | Team Member

Skills: Unity, Blender, C#, Garageband



- Rhythm-based game extended from BC Game Jam 2018 prototype
- Designed levels and implemented animations
- Created soundtrack for the game

September 2017 - January 2018

Personal Website



Skills: HTML/CSS, Javascript, Adobe After Effects

- Designed and implemented a 3-page website
- Created animations and interactive portfolio

SKILLS

programming languages

Java, C/C#/C++, HTML/CSS, Javascript, Swift, DrRacket

software and tools

Unity, Blender, IntelliJ, Xcode, Git, Microsoft Office Suite, Adobe Creative Suite, Apple Pages, WordPress, iMovie, Final Cut Pro, GarageBand, Slugline

TECH ACTIVITIES

BC Game Jam '18 | Hip Hop Frog Flop Skills: Unity, Blender, C#

 Finished most of the animating, scripting, and debugging in 24 hours

Eduhacks '17 | Know Your Rights Skills: Xcode, Swift, Adobe Xd

- iOS game to inform users about their lesser known legal rights
- Implemented *Tinder*-like swiping

ACADEMIC WORK

February - March 2017 **BusesAreUs Android App**

Skills: Java, IntelliJ, JUnit testsuite

- Created transit app given a specified UML class diagram
- Parsed through JSON data from Translink API
- Included features like clustering and live updates

EDUCATION

BA in Computer Science 2015-20 Specialization in Creative Writing University of British Columbia

International Baccalaureate 2015 Diploma 39/45 (97% Average)

7/7 in Higher Level Business Management and Theatre

AWARDS

Dean's List 2017 Chancellor's Scholar 2015

- University of British Columbia

Dream Scholarship 2015 - Ampri Group

I.B. Higher Level Theatre Award 2014-15 I.B. Theory of Knowledge Award 2014 Community Service Award 2013

- Richmond Secondary

INTERESTS

VR/AR/MR and Video Games

Emerging Technologies in Film & TV

Kickboxing

Songwriting & Performance:

Performed at venues like the RiverRock Casino, Gateway Theatre, and Richmond Summer Night Market

Written Work Published in:

The Ubyssey—UBC Student Newspaper (2016)

ONE—UBC ArtsOne Journal (2016) Hot Ink Magazine (2013)

GLEAN Magazine (2009-2012, Youth Writer)

Afri-Can Magazine (2010, Youth Writer)

OTHER EXPERIENCE

May - September 2017

UBC Irving K. Barber Learning Centre | Program Assistant

- Created content for the IKB website and social media
- Developed programs for Asian Heritage Month, Aboriginal UnHistory Month and Canada's 150th anniversary initiatives

May - September 2016

Imprint Plus | Sales & Marketing Intern

- Trained by CBC TV host Jaeny Baik in writing for the screen and commercial production
- Designed surveys for customers in five different industries
- Individual telesales of \$27,000 in one month

September 2015 - January 2016 UBC Annual Giving Call Centre | Fundraiser

- Maintained rapport with students, alumni and parents
- Individually raised over \$1000 in donations in six weeks

March - September 2016 TutorDoctor | Tutor

- Provided one-on-one tutoring for a variety of students
- Adjusted teaching style to cater to the individual

VOLUNTEERING

2012-2015

World Vision Club | Media & Communications

- Coordinated fundraisers like watermelon-eating contests
- Designed and created all digital material

2012-2014

Richmond Secondary | Colt Connector

- Organized and facilitated events like school dances
- Led tours for international visitors and teachers
- One of two representatives chosen for the municipal Student Leadership conference