# 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
### ʔiʔ θə ʔeːnθə | Sole Programmer
Skills: Unity, C#
- 2D platformer puzzle game for learning the Musqueam language of hən̓q̓əmin̓əm̓
- Implemented puzzle-checking, keyboard, UI, and sprite animations

October 2017 - March 2018
### ΤΑΞΙΔΙ: 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, Assembly, 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

## 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

## 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)