
Gabrielle Palado

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EDUCATION

Victoria University of Wellington (VUW) - *BE in Software Engineering* (Feb 2016 - exp. Nov 2019)

GPA: 8.02/9

Positions: 2018 Engineering New Zealand student co-representative for VUW

Academic Awards:

- 2017 Dean's List for Victoria University's School of Engineering & Computer Science (ECS).
- 2016 Dean's List for Victoria University's School of Engineering & Computer Science.
- 2016 Victoria Excellence Scholarship, awarded to high-achieving school-leavers.
- 2015 National Certificate of Educational Achievement Level 3 Endorsed with Excellence.

WORK HISTORY

Summer Trainee Engineering Program (STEP) Intern, Google, Sydney (Nov 2017 – Feb 2018)

Team: Maps

Responsibilities and Achievements:

- Problem analysis, solution design, and software development.
- Using Java and protocol buffers, analyzed data to personalize an existing feature.

Engineering Teachers Assistant, ECS, VUW (Feb – Nov 2017)

Responsibilities and Achievements:

- Demonstrating and marking labs for approximately 30 students in Engineering Modelling and Design, and Engineering Mathematics Foundations. Also helped students with Introduction to Program Design assignments.
- Awarded "Best Marker Feedback" for giving feedback that aids in student learning.

Physics Lab Demonstrator, School of Chemical & Physical Sciences, VUW (July – Oct 2016)

Responsibilities and Achievements:

- Demonstrating and marking labs and modules for approximately 25 students in Physics for Architects.
- Recruited as a lab demonstrator after one trimester of study.

Music Department Assistant, Samuel Marsden Collegiate Karori, Wellington (Nov 2015 – Present)

Responsibilities:

- Secretarial/administrative work and arranging music for the school choir.

TECHNICAL SKILLS

- **Fluent:** Java; **Conversational:** Javascript, HTML, CSS, PHP & SQL
- Familiar with Git, Piper, Android Studio, IntelliJ, Eclipse, Critique

PROJECTS

Victoria University of Wellington, NZ - *Course Projects*

February 2016 - Present

- Developed a Real Time Strategy game as part of a 5 person team. Produced the Entity API utilized in modelling the game entities and maintaining entity states.
- Developed an Arcade-style game, Ball Ninja, in Processing. Involves shooting and dodging balls while navigating obstacles.
- Completed a Selective Compliance Articulated Robotic Arm group challenge using Raspberry Pi. Derived inverse kinematic equations used for robot arm positioning.

Personal Training - *Personal Projects*

December 2016 - Present

- Developed a simple cipher encryption/decryption program that translates Morse code, Bacon's cipher, and Atbash into characters and vice versa.

EXTRACURRICULARS

Has represented the Wellington district in golf over the past 8 years. My [New Zealand golf profile](#).

Major achievements include:

- Top ranked player for Wellington's 2016 Interprovincial Women's team. Team reached the quarter finals.
- Won the Wellington Strokeplay and Matchplay Championships in 2015.
- Named Eagles Golfing Society of Wellington (Inc.) Young Golfer of the Year in 2013 & 2014.

I sing as well as play the piano, the guitar and the cajon, and help teach harmonies to my church choir.

My extracurricular achievements include:

- Co-lead the Ad Summa Chorale, and was Co-Deputy Head of Music at Samuel Marsden Collegiate School Karori in 2015.
- Former member of the Samuel Marsden Collegiate auditioned choir, Altissime, which competed at the National Big Sing Competition in 2015 and were given a silver award.