

Grace Ling

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Portfolio: <https://grace-ling.com/>

1(408)799-5390

OBJECTIVE

Game designer and developer excited to apply project and research experience as a Summer 2019 intern.

EDUCATION

Santa Clara University, Santa Clara, CA Accepted to Start September 2019
Master of Science, Computer Science and Engineering
Santa Clara University, Santa Clara, CA Expected June 2019
Bachelor of Science, Major: Bioengineering, Minor: Computer Science and Engineering, Overall GPA: 3.74/4.00
Honors: Dean's List, Hackworth Ethics Fellow, Kuehler Research Scholar, Imagine That Design Challenge Award

RELEVANT COURSEWORK

❖ Virtual Reality, 3D Animation and Modeling, Advanced Programming, Abstract Data Types and Structures, Web Usability

SKILLS

- ❖ **Programming Languages:** C++, C, C#, Java, Javascript, HTML/CSS
- ❖ **Applications:** Unity3D, Unreal Engine, Autodesk Maya, Photoshop, Vi, QT, Xcode, iMovie, Wordpress, Github
- ❖ **Bench:** Mammalian and Bacterial Cell Culture, Enzyme Assays, Fluorescent Microscopy
- ❖ **Foreign Language:** Mandarin Chinese

PROJECTS

- ❖ **Cell-fie - Biology-inspired Virtual Reality Game** <https://grace-ling.com/cell-fie/> January 2017 - Present
 - ◇ Producer, Art Director, and Coder
 - ◇ Developing concept, character, environment, story design using Photoshop, Autodesk Maya, and Unreal Engine
- ❖ **Virtual Reality Researcher and Developer** June 2018 - Present
 - ◇ Developing educational virtual reality experiences with Professor Jim Grainger, PhD
 - ◇ Modeling biological phenomena using Molecular Maya, ChimeraX, and Unity3D
- ❖ **Artist and Camp Counselor at Girls Make Games** June 2018 - August 2018
 - ◇ Teaching and inspiring girls ages 12-17 to make games using Unity, pixel art, and animations
 - ◇ Mentor and artist for a group of girls creating a visual novel to address the social problems of addiction
- ❖ **Bioengineering Research at Santa Clara University** April 2016 - September 2017
 - ◇ Researching on cellular exosomes for drug and gene delivery applications with Professor Bill Lu, MD-PhD
 - ◇ Coauthor of two publications in the American Society for Exosomes and Microvesicles
- ❖ **iRunGracePace - Blog, Instagram, and YouTube** January 2014 - Present
 - ◇ Creating content to inspire healthy living, running, and creativity
 - ◇ Built an audience of over 25,000 through developing a target audience and maintaining a consistent posting schedule

ACTIVITIES AND LEADERSHIP POSITIONS

- ❖ **Athlete**, Division 1 Women's Cross Country and Track Team August 2015 - March 2018
- ❖ **Board Member**, Chinese Student Association September 2015 - June 2016

AWARDS

- ❖ **Academic:** Grace Hopper Scholarship (2018), Dean's List (2017 - 2018), Hackworth Ethics Fellow (2018), Kuehler Research Grant (2017), Roelandts Research Grant (2016), Cesar Chavez Memorial Scholarship (2015), Red White and Blue Award in Calculus (2015)
- ❖ **Art:** Imagine That! Design Challenge Award (2018), Girls Make Games Fellowship (2018), SCU School of Engineering Art Show Feature (2018), SCU Homepage Feature (2017)
- ❖ **Cross Country and Track:** Most Valuable Player (2012 - 2014), Scholar Athlete (2014 - 2015), School Record Holder (2013-2014), Top 10 in California (2014), Top 10 in Footlocker West Regional (12 states, 2014), Footlocker Nationals All-American (2014), National Junior Olympics All American (2013)