

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 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

CURRENT PROJECTS

- ❖ **Cell-fie - Biology-inspired Virtual Reality Game** January 2017 - Present
<https://grace-ling.com/cell-fie/>
 - ◇ 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 - Present
 - ◇ 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
- ❖ **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

- ❖ **Researcher**, Santa Clara University Bioengineering Department April 2016 - September 2017
- ❖ **Athlete**, Division 1 Women's Cross Country and Track Team August 2015 - March 2018
- ❖ **Writer and Photographer**, Spoon University Santa Clara Chapter April 2016 - Present
- ❖ **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 Grant Recipient (2017), Roelandts Grant Recipient (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), School record holder for 1600m (5:08) and 3200m (10:54)