GRACE FAN

EDUCATION

Texas A&M University, College Station, TX
B.S. in Computer Science, May 2020
Art Minor with Digital Media Emphasis
Cumulative GPA: 3.913

CONTACT

fangrace.k@gmail.com
(832) 282-2667
linkedin.com/in/gracekfan
Portfolio in development

TECHNICAL SKILLS

Programming   C++, HTML, CSS, Javascript, Java, C#, Swift, MATLAB
Design   Adobe Photoshop, Illustrator, InDesign, XD, After Effects, Premiere Pro, Figma, Maya, Unity

PROJECTS & ORGANIZATIONS

TAMUhack Design Director at Texas A&M University   Mar. 2018 – Present
- Network with sponsors for the university's largest annual hackathon and develop hackathon website in **React**
- Conducted a website usability study to prototype website in **Figma** and developed website content
- Redesigned branding materials such as logo, sponsor documents, and banners in **Adobe Illustrator** and **InDesign**

CodeU Student at Google, Inc.   Feb. – May 2018
- Collaborated with a team to design and build a web application using **Java, JavaScript, HTML** and **CSS**, leveraging Java servlets, AppEngine, and the Google Cloud Platform and APIs
- Contributed to Open Source software using **Git**, conducted code reviews, and extended an existing codebase

TAMUHack Participant at Texas A&M University   Jan. 2018
- Created a VR audio-visualizer using a piano keyboard connected with a MIDI plugin in **Unity**
- Modelled 3D animations in **Maya** and coded color changes based on RGB values and key inputs in **C#**

National Science Foundation Innovation Corps Sites Program   July – Aug. 2017
- Modelled digital prototypes for an mathematical educational tool using **Swift**
- Designed and presented engaging presentations to clientele to promote prototypes using **InDesign**

WORK EXPERIENCE

Software UX Intern at Sandia National Laboratories   May 2018 – Aug. 2018
- Developed high-fidelity prototypes in **HTML** and **SASS** to conduct usability tests for different content types
- Designed UI components for the company intranet using **Adobe Illustrator** and **Bootstrap 4.0**
- Researched existing pattern libraries and typographic scales through online databases and eye-tracking studies

Undergraduate Teaching Fellow Team Leader at Texas A&M Dept. of Physics   Jan. 2017 – May 2018
- Organize lessons and instruct university students in a freshman-level course, Physics: Mechanics
- Lead discussion amongst and offer advice to other fellows in weekly coordination meetings

BitGrange Software Team Leader at Texas A&M Dept. of Electrical Engineering   Sept. 2017 – Mar. 2018
- Worked on **wireframing** for a startup iOS application that combines microcontrollers with a mobile application to produce a smart hydroponics system
- Coded app functionalities, including transitions, animations, user login and authentication with **Google Firebase** and **Swift** and created graphics using **Adobe Illustrator**

HONORS

Dwight Look College of Engineering Honors Program   Aug. 2016 – Present
ConocoPhillips Industrial Affiliate Program Scholarship Recipient   Aug. 2018
Raymond Ideas Challenge Third Place Finalist   May 2017
Aggies Invent Competition First Place Finalist   Feb. 2017
Raymond H. Eubank '48 Family Scholarship in Computer Science   Aug. 2017