

# 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: 3.92

## CONTACT

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## TECHNICAL SKILLS

**Programming** C++, HTML, JavaScript, 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**
- Prototyped organization website in **Figma**, designed graphics, 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

**User Experience Design 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

- Organized lessons and instructed university students in a freshman-level course, Physics: Mechanics
- Led discussions amongst and offered 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 Scholar** Aug. 2016 – Present  
**Grace Hopper Celebration Scholarship** Sept. 2018  
**ConocoPhillips Industrial Affiliate Program Scholarship Recipient** Aug. 2018  
**Aggies Invent Competition First Place Finalist** Feb. 2017  
**Raymond H. Eubank '48 Family Scholarship in Computer Science Recipient** Aug. 2017