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“Industry at its best... is the intersection of science and art.”  
-- Edwin H. Land, Founder of Polaroid

## STUDIES

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**2020-2022: Washington State University, Pullman, WA**      **2017-2019: Rice University, Houston, TX**  
*B.A. Computer Science, Honors College, GPA: 3.92/4.0*      *Studied Economics, GPA: 3.36/4.0*  
*Member & Apparel Chair of Delta Sigma Phi Fraternity*

### **March 2020 – June 2020: General Assembly, Remote**

*Software Engineering Intensive Student*

- ⇒ Engineering fundamentals including working in teams, pair programming, agile workflows, project management, responsive design, wireframes, user stories, algorithms, authentication, variables, objects, functions, data structures, troubleshooting/debugging
- ⇒ Full-stack development - APIs, HTML, CSS, JavaScript, browser SDKs, databases (e.g., SQL, MongoDB), libraries (e.g., Bootstrap), and frameworks like React, etc. with Heroku deployment

## POSITIONS

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### **Menlo Innovations, Remote, May 2021 – Present**

*Software Engineer*

- ⇒ Pair Programming on various projects in various languages at one of the most unique software companies in the world
- ⇒ Python, Javascript, Java, C#, .NET, Vue, Django, AWS including Cloudwatch, S3, and IAM, & more.

### **SoftwareCPR LLC, Remote, December 2020 – Present**

*Software Testing Engineer*

- ⇒ Assembled Raspberry Pi and used it to set up a simulator API for medical software
- ⇒ Paired this API with a prototype mobile application and established data flow
- ⇒ Using XCode and Android Studio, tested the API / mobile application on multiple devices, including iPhone 12, iPhone XS, and Google Pixel 5
- ⇒ Assisted the client by giving feedback on the developer manual, optimizing the instructions so that they are easy for developers to understand when the simulator is released to the public

### **Sister Cities of Houston, Houston, TX, January 2019 – April 2019**

*Strategy Consulting Intern*

- ⇒ Attended board meetings and interviewed executives; developed and delivered executive reports and presentations to guide strategy, including strategic moves into new arenas such as e-sports
- ⇒ Forged improved connections with international cities such as Tampico, Mexico and Chiba, Japan
- ⇒ Developed strategies to make the organization more cutting-edge and relevant to constituencies via custom web and social media presences
- ⇒ Helped originate and establish a new international conference to be held annually at Rice University

## PROJECTS

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### Coding

Created 4 applications; fifth in progress. (2020 – Ongoing)

- ⇒ *~Parchment*  
*In Progress* - Text Editor using gestures, etc. for more creative control over word placement  
Technologies: Java
- ⇒ *paperclip//*  
Bartering Website, like Tinder - matches users by item with a directed graph cycle algorithm  
Technologies: React frontend, Node Express backend
- ⇒ *[WIP]*  
Virtual Art Gallery where users can submit and view each others' art in predefined galleries  
Technologies: React frontend, Python Django backend
- ⇒ *"Harvard Art"*  
Virtual Art Gallery which combines my aesthetics with the Harvard Art Museum API  
Technologies: React frontend
- ⇒ *"hangman"*  
Simple Hangman Game  
Technologies: Plain Javascript, HTML, CSS

### Music

Writing music // playing guitar, piano, singing, and rapping. (2020 – Ongoing)

- ⇒ 3 Full-length songs released on all major platforms (Spotify, Apple Music, Soundcloud, etc.)

### ΔΣΦ

Apparel chair of Delta Simga Phi Fraternity (2020 – Ongoing)

- ⇒ In charge of designing, creating, and selling apparel and merchandise for the fraternity
- ⇒ Formed a committee of 3 other members to help with creation and distribution

### Author

Published author of two books. Designed both book covers and all promotional materials (2016 – 2018)

- ⇒ *Who Will Survive in America* – Examining why a particular economic theory from the 1970s seems to have been correct in explaining America's current politics.  
Published: December 2016
- ⇒ *Make America Great Again* – No, this book is not about Donald Trump. Addresses the 2018 entry of musical artist Kanye West into presidential politics.  
Published: June 2018