

EDUCATION

THE UNIVERSITY OF TEXAS AT AUSTIN

B.S. Computer Science

August 2014

- Business Foundations Certificate
- Computer Science Game Development Certificate

WORK EXPERIENCE

FINOL DIGITAL LLC | Houston, TX

August 2017 - Present

Entrepreneur

- Conceptualized, developed, and released the Card Game Simulator (CGS) application, which allows users to play out card games on their Android and iOS mobile devices.
- Built upon Unity's UI tools to create a system to easily manage virtual cards.
- Developed and publicly documented on GitHub Pages a system by which users write JSON to define their own cards to import and use within the application.

HP INC. | Houston/Austin, TX

IT Developer/Engineer

November 2015 - July 2017

- Upgraded Supplier Portal (SP) website design to modern branding standards, requiring updates in the Oracle Database, Apache and Tomcat/Struts server config, and OpenText Portal config.
- Enhanced a web application by adding sort, filter, and large export-to-Excel capabilities. Changes were made through Vaadin for the UI and through Hibernate for the MS SQL Server database.
- Supported the Supplier Relationship Management (SRM) and Polydyne applications by troubleshooting issues that arose within their WebLogic and Apache/Tomcat environments.
- Migrated the production environment for the Polydyne and Direct Procurement Solution Suite (DPSS Ariba) applications from HPQ network space to HPI network space.

HEWLETT-PACKARD | Houston, TX

IT Developer/Engineer

August 2014 - November 2015

- Supported the DPSS Ariba application by validating data loads into the SAP Ariba system and developing AML, Java, and Linux Shell code to enhance the reports generated for the business.
- Recognized by the project manager for completing the development of the forecast spend reporting project ahead of schedule in a very aggressive six-week timeline.

HEWLETT-PACKARD | Austin, TX

Supply Chain IT Intern

July 2012 - December 2013

- Maintained SP and SRM web application assets by accepting and processing change requests.

SUNAMERICA FINANCIAL GROUP | Houston, TX

Middleware Software Group Internship

August 2011

- Developed a web application that provides access to a server's UNIX commands through a web interface.

SKILLS

- Proficient with the Unity Game Engine.
- Expert in Java and Java Server Pages, including general knowledge of Java Enterprise Application Development and experience with the Apache Struts framework.
- Proficient in C/C++/C#, including experience with OpenGL and the OpenGL Shading Language.
- Knowledgeable of SQL, Perl, Python, HTML, CSS, Javascript, and Linux Shell scripting.
- Familiar with Agile development methodology, including experience with Atlassian Jira.
- Fluent in Spanish.