# Education

**University of Texas at Austin February 2017**

Full Stack Engineering Professional Development Program

## University of Texas at Austin May 2016

Bachelor of Science and Arts in Computer Science

Information Security Professional Certificate

# Educational Experience

## Computer Networks Fall 2015

* Programmed request/responder system using the UDP protocol written in C
* Designed and programmed communication between client/server through TCP protocol written in C

**Network Security**  **Fall 2015**

* Wrote exploits in C and javascript to gain root access using techniques such as buffer overflows, SQL injection, cross site forgery requests and cross site scripting attacks.

**Operating Systems Spring 2015**

* Advanced an existing mini shell with built-in commands and wrote a simple parser for the command line
* Enhanced a toy OS to include capabilities virtual memory and file management capabilities

**Recent Practical Experience**

*remindME*: Full stack lifestyle web application for keeping track of personals such as notes budget goals etc. Used React for frontend, node and express for web server development and MongoDB for backend.

*USEUM:* Full stack web application using Semantic UI, handlebars and sequelize

*fireWaterEarth*: Full stack game application built with HTML CSS JQuery BootStrap and Google’s firebase backend

*reportCard* :Python app that notifies if someone is currently in jail or recently been arrested. Uses for employers and coaches to find problematic employees and/or athletes whom much is invested in. Automated via BASH scripts and tied in with the Twilio API to notify users via text messages. Working on GUI interface.

*uTexas Events*: iOS app written in swift 2 allowing UT students to find rsvp and share events using CoreData in other colleges in the University

languages: C Java(script as well) Swift Python React React-Native MongoDB MySQL