



## education

### bs | computer science

university of north florida  
spring 2018 - present

- expected graduation: december 2020
- gpa: 4.0
- dean's list: spring 2018 - present

## skills

### technologies

angular • c • c++ • c# • html/css/js •  
java • mongo • node • python • r •  
react • scala • sql • typescript

### operating systems

arch linux • ubuntu • windows 10

### ides

visual studio • pycharm • intellij • vim

### other skills

ci/cd • git • linux • regex •  $\LaTeX$

## coursework

- computer science I & II
- data structures
- computability and automata
- systems software
- compilers
- networks
- databases
- operating systems
- software engineering
- internet programming

## competitions

### hourrank 31

an hour-long competition held on  
hackerrank  
placed 154 out of 962

### ieeextreme 2019

24 hours of algorithms torture  
placed 19 out of 202 in the u.s.

## projects

### isqexplorer

react-based asp.net mvc app that scrapes instructor ratings off a hidden website

- has a mobile-responsive frontend for an otherwise arcane user interface
- results are delivered as-you-type using *react*
- *typescript* is used for increased scalability over plain javascript
- results are cached via *entity framework* backed by *sql server* for faster responses
- the project is unit tested with *nunit* and *moq* is used for isolation

### easy-encrypt

a command-line symmetric encryption script written in python3

- supports a wide variety of ciphers and modes
- will be easy to expand as new ciphers and modes come out
- unit tested with the built-in unittest module

### so, you got a poor cs1 professor

a react single-page wiki designed to aid cs1 students

- for some reason, unf decided to make cs1 *online only*
- as a result, all of those students seem to be struggling with the concepts
- this wiki is designed to explain those concepts as quickly as possible
- includes a custom code block react component with multi-level highlighting
- features a custom sidebar react component that dynamically updates as you scroll

## experience

### autopoint - software development intern

february 2020 - present

- write full-stack applications using *c#*, *asp.net* and *sql server* on the backend
- write *html*, *sass*, and *javascript* on the frontend
- work with *rest apis* to interface with other microservices
- deploy apps with a *teamcity* ci/cd pipeline

### duos technologies - ground truth engineer

may 2019 - february 2020

- worked closely with a variety of deep learning models and help verify their outputs
- helped categorize data using a variety of imaging techniques

## clubs

### o-sec | osprey-security

fall 2018 - present

o-sec's purpose is to practice the latest cybersecurity and penetration testing concepts on actual systems designed to simulate real-world environments. once-a-year the club participates in *ccdc*, a national cybersecurity competition.

### airo | artificial intelligence research organization

fall 2018 - present

airo's purpose is to teach students about the latest in AI while collaborating with other departments to build real-world AI models.