

Rothanak So

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OBJECTIVE: A co-op or summer internship in the field of computer science.

EDUCATION

University of North Florida — *Bachelor of Science in Computing and Info Sciences | Computer Science*

- GPA: 3.2 (overall); Dean's List, Spring 2018
- Expected Graduation: December 2019

RELATED EXPERIENCE

Patient Extractor — *Patient extraction tool*

AUGUST 2018 - PRESENT • <https://github.com/rothso/patient-extractor>

- Wrote a Kotlin program using the Athena Health (EMR) API to download patient encounter information for M.A.S.S. Clinic

ISQPlot — *Visualizations of course evaluations*

JANUARY 2018 - PRESENT • <https://github.com/rothso/isqplot>

- Created scatterplots using ggplot2 in R
- Wrote a Go program to scrape data from a website into CSV files

Cocoa Bay Portal — *User portal for an online community*

AUGUST 2017 - DECEMBER 2017 • <https://github.com/rothso/cocoabay>

- Designed and coded a user-facing PHP application in Laravel 5.5
- Unit-tested and deployed initial deliverable to client

Gradeshift — *Student grades app (unfinished)*

JULY 2016 - AUGUST 2016 • <https://github.com/rothso/gradeshift>

- Wrote an Android app in Kotlin using RxJava, Retrofit, Dagger 2
- Implemented rudimentary third-party SAML authentication

FIRST Robotics, Team Resistance — *Programmer*

SEPTEMBER 2014 - MARCH 2017

Responsible for writing software to control the hardware subsystems of unique robots during teleoperated and autonomous operation.

- Explored state machines and closed-loop control systems
- Prototyped vision-tracking using OpenCV and Python
- Performed code reviews and provided feedback via GitHub
- Mentored fellow students in Java and robotics programming

LANGUAGES

Java • Kotlin • R • Golang • C •
Python • SQL • JavaScript •
PHP • HTML & CSS

Technologies:

Android • Laravel

SKILLS

Full-stack web development
Android development
Web scraping
Data visualization
Version control (Git)
Linux / UNIX

RELEVANT COURSEWORK

Intro to Systems Software
Intro to Computer Hardware
Computability & Automata
Data Structures
Discrete Mathematics
Linear Algebra
Computer Science II
Computer Science I

CONTACT

Github

github.com/rothso

LinkedIn

linkedin.com/in/rothso