

Rothanak So

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OBJECTIVE: A full-time position in the field of computer science.

EDUCATION

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

- GPA: 3.9 (departmental); Dean's List, Spring 2018–Summer 2019
- Expected Graduation: December 2019

RELATED EXPERIENCE

Syllabank — *Syllabus repository* | Solo developer

FEBRUARY 2019 - PRESENT • <https://syllabank.com>

- Developed an SSR website for searching UNF course syllabi
- Wrote a web scraper in Go to pull historical course data from UNF
- Built using serverless architecture, cloud-deployed via Zeit Now
- Presented in the Spring 2019 symposium

Blue Screen — *Clinic patient app* | Contractor

MAY 2019 - AUGUST 2019

- Developed a cross-platform prototype using Flutter and Dart
- Designed UI mockups for the mobile app in Figma
- Worked on a small team in an Agile environment

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

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
- Mentored fellow students in Java and robotics programming

LANGUAGES

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

Technologies:

Next.js • React • Laravel •
Flutter • Android • GCP

SKILLS

Full-stack web development
Android development
Web scraping
Data visualization
Version control (Git)
Linux / Unix
UI & Logo design

RELEVANT COURSEWORK

Analysis of Algorithms
Compilers
Data Modeling
Software Engineering
Intro to Artificial Intelligence
Intro to Systems Software
Computability & Automata
Data Structures

CONTACT

Linkedin

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Github

github.com/rothso