Rami Hansen

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github.com/rami-hansen

EDUCATION

Oregon State University
College of Engineering
BS in Computer Science
Expected grad. June 2021
Cum. GPA: 3.7

SKILLS

Languages:
C++, Python, TypeScript
Tools:
Git, Vim, GDB
Frameworks:
basic Angular/NodeJS
Languages
Native fluency:
English, Finnish

EXPERIENCE

Innorenew COE   September 2019 – March 2020
Full Stack Developer/Intern   Koper, Slovenia
- Implemented an Angular based web application for submitting and reviewing research proposals.
- Created a robust back-end database access API with Koa and TypeORM
- Utilized Bulma CSS to create an attractive and intuitive user interface

OSU Academics for Student Athletes   March 2020 – present
Study Facilitator and Tutor   Corvallis, OR

- Coordinating student athlete study sessions over Zoom
- Tutoring student athletes in several subjects including computer science, calculus, and technical writing

WSE - Oregon State University   Jun 2018 – Sep 2018
Wood Preservation Lab Technical Assistant   Corvallis, OR
- Collected wood core samples from utility poles to evaluate the effectiveness of different anti-fungal treatments on Douglas Fir utility poles
- Sanitized and placed over 2,500 samples in protein gel plates to promote fungal growth

WSE - Oregon State University   Jul 2017 – Jun 2019
Student Clerical   Corvallis, OR
- Responsible for maintaining and organizing Wood Science and Engineering department's inventory of office supplies
- Assisted in organizing travel and accommodation for departmental visitors

PROJECTS

Pilot Health Monitoring System C++
Assess current state (stressed or unstressed) of a user wearing a bio-metric collection device. Responsible for implementing data communication over Bluetooth and coordinating data access to multiple threads that analyze raw recorded values.

Kernel Image Convolution C++
Single threaded, multi-threaded, and distributed processing (MPI) implementations of kernel based image processing used for edge detection, blurs, and other various effects.