Harilanja Mahenintsoa Ravelomanantsoa

Preferred name: Mahents – **Pronounced**: mah-hentz
505 E Holmes St. Urbana, IL 61801
mahents.rav@gmail.com | 903-445-4525
https://www.linkedin.com/in/mahentsravelomanantsoa/

Objective

Hardworking and motivated Computer Science and Engineering graduate with strong academic performance, internship experience and experience collaborating with people of diverse backgrounds, seeking to solve big problems and leverage software development skills as a Software Engineer.

Education

BS in Computer Science and Engineering, **LeTourneau University**, Longview, Texas
Minor: Mathematics, Graduation: May 2020
Distinguished Senior Award, Honors student, **GPA: 3.77/4.0**

Experience

Software Engineer Intern, Life.Church (May 2019 – August 2019)
- Successfully built REST APIs for badge creation for the YouVersion Bible app using Python and Flask
- Designed and tested a working content management application that uses those APIs enabling non-engineers to do the administrative work of creating new badges for the app

Tutor, LeTourneau University (January 2019 – May 2020)
- Tutored college students needing academic assistance in Physics, Calculus and Computer Science resulting in better understanding and in them passing their courses

International Student Orientation Assistant, LeTourneau University (January 2018 – August 2019)
- Successfully implemented International Student Orientation (ISO) welcoming and engaging with about 50 new international students per semester
- Led and interacted with a group of ISO workers and volunteers as we welcomed new students

IT Help Desk Technician, LeTourneau University (August 2017 – November 2019)
- Successfully assisted students and faculty/staff with hardware and software problems
- Proactively handled phone calls and tickets to troubleshoot and solve their technical issues

International Assistant/Peer Advisor, LeTourneau University (August 2017 – May 2020)
- Proactively guided and advised international students in various aspects of their college experience in the U.S. resulting in higher confidence and stronger campus involvement of the students
- Provided them with the resources they need to thrive academically resulting in a higher passing rate

Projects

Microcomputer Design: Designed, assembled, and programmed a single-board computer in 68000 Assembly using a Motorola 68K processor (January 2019-May 2020)
Personal Website: Took the initiative to design a personal website using HTML, CSS and Bootstrap (December 2019-Present) https://mahents97.github.io/personal-website/
BADGR Robot: Served as a software team member in a senior design project to build an autonomous and amphibious robot for animal control (September-December 2019)
CPLD Calculator: Served as main programmer of a team of five to design and build a working calculator using a CPLD programmed in VHDL (Spring 2018)
LEGO Mindstorms Programming: Programmed and designed working LEGO robots in a team of three using LabVIEW (Spring 2017)

Skills & Abilities

Technical skills: C, Java, Python, HTML, JavaScript, CSS, Flask, APIs, LabVIEW, VHDL, 68000, MIPS
Exposure to: C++, C#, PostgreSQL, MySQL, PHP, Pascal, SolidWorks
Personal skills: Team player, positive attitude, adaptability, teachability, leadership, communication
Native and Bilingual Proficiency: French, Malagasy   **Full Professional Proficiency:** English

Leadership

Secretary for ACM Student Chapter, LeTourneau University (August 2018 – May 2019)
Treasurer for the International Students Club, LeTourneau University (August 2017 – May 2019)
Assistant Leader, TED-Ed Club Antananarivo (October – December 2015)