

HARILANJA MAHENINTSOA RAVELOMANANTSOA

Preferred name: Mahents – **Pronounced:** mah-hentz

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OBJECTIVE

Hardworking and energetic senior Computer Science and Engineering student with full-stack internship experience and multiple projects, seeking to leverage problem-solving, programming, and collaborative skills as a full-time software engineer.

EDUCATION

BS in Computer Science and Engineering, LeTourneau University, Longview, Texas

Minor: Mathematics, Expected Graduation: May 2020

Honors College, Nominee for the Distinguished Senior Award, **GPA: 3.78/4.0**

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 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 – Present)

- Tutor college students needing academic assistance in Physics, Calculus and Computer Science resulting in them passing their courses

International Student Orientation Assistant, LeTourneau University (January 2018 – August 2019)

- Successfully implemented International Student Orientation (ISO) welcoming about 50 new international students per semester
- Led 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
- Handled phone calls and tickets to troubleshoot and solve their technical issues

International Assistant/Peer Advisor, LeTourneau University (August 2017 – Present)

- Guide and advise international students in various aspects of their college experience in the U.S. resulting in higher confidence and stronger campus involvement of the students
- Provide them with the resources they need to thrive academically resulting in a higher passing rate

PROJECTS

Microcomputer Design: Design, assemble, and program a single-board microcomputer using a Motorola 68K processor (January 2019-Present)

Personal Website: Design my 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 (September-December 2019)

CPLD Calculator: Served as main programmer of a team to design and build a working calculator using a CPLD programmed in VHDL (Spring 2018)

LEGO Mindstorms Programming: Programmed and designed working LEGO robots for class team projects using LabVIEW (Spring 2017)

SKILLS & ABILITIES

Technical skills: C, Java, Python, HTML, JavaScript, CSS, Flask, Bootstrap, LabVIEW, Assembly, VHDL

Exposure to: Pascal, SolidWorks, C++, C#, PostgreSQL, Material Design

Personal skills: Team player, leadership, problem-solving, teachability, troubleshooting, flexibility

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)