

HARILANJA MAHENINTSOA RAVELOMANANTSOA

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

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OBJECTIVE | Senior student looking for an Entry Level Software Engineer position upon graduation

EDUCATION | **LeTourneau University, Longview, Texas**
BS in Computer Science and Engineering with a Mathematics minor, Expected Graduation: May 2020, Honors College, Distinguished Senior nominee, **GPA: 3.78/4.0**

English Teaching Program, Antananarivo, Madagascar (October 2011 – December 2015)
Training in English reading, writing, speaking, and listening

SKILLS & ABILITIES | **Technical skills:** C, Java, Python, HTML, JavaScript, CSS, Flask web framework
Exposure to: Pascal, LabVIEW, Solidworks, C++, C#, Assembly, VHDL, PostgreSQL, Material Design
Personal skills: Team player, leadership, problem-solving, teachability, troubleshooting, flexibility
Native and Bilingual Proficiency: French, Malagasy **Full Professional Proficiency:** English

EXPERIENCE | **Software Engineer Intern, YouVersion at Life.Church (May 2019 – August 2019)**

- Wrote REST API endpoints
- Designed a web tool that serves as a content management system

IT Help Desk Technician, LeTourneau University (August 2017 – November 2019)

- Assist students and faculty with hardware and software problems
- Handle phone calls and reply to work orders

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

- Guide and advise international students regarding US culture in the context of their college experience
- Provide the students with the resources they need to thrive academically

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

- Worked closely with the International Student Advisor to implement International Student Orientation (ISO)
- Delegated responsibilities to ISO workers and volunteers

Tutor, LeTourneau University (January 2019 – May 2019)

- Provided academic assistance in Physics, Calculus and Computer Science

PROJECTS | **BADGR Robot:** Serve as a software team member in a senior design project to build an autonomous and amphibious robot for a company (September 2019-Present)

Microcomputer Design: Independently responsible for the design and assembly of a single-board microcomputer using a Motorola 68K processor (January 2019-Present)

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

LEGO Mindstorms Programming: Programmed and designed LEGO robots using LabVIEW for a class project in a team of three (Spring 2017)

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)