

## HARILANJA MAHENINTSOA RAVELOMANANTSOA

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

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**OBJECTIVE** | Senior student looking for a Software Engineer position

**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**

### SKILLS & ABILITIES

**Technical skills:** C, Java, Python, HTML, JavaScript, CSS, Flask web framework, Bootstrap

**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

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

**Personal Website:** Design my personal website from scratch (December 2019-Present)

**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 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 (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)**