CHRISTIAN YAP

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Education

GRAND VALLEY STATE UNIVERSITY (Allendale, MI)   **2020**
Bachelor of Science in Computer Engineering   **GPA:** 3.5
Minor in Natural Resource Management, Geographic Information Systems (GIS) Certificate

Work Experience

ANNIS WATER RESEARCH INSTITUTE | Researcher   **2019 - PRESENT**
> - Python software development for animal population estimation and statistical simulations. Implemented OOP concepts, multiprocessing, & multithreading with PyQT5 GUI.

HAPPY BEE OUTFITTERS LLC | Founder   **2016 – PRESENT**
> - Worked with front-end design using HTML5/CSS4/Bootstrap
> - Partnered with GVSU *Beekeeper's Club* where a portion of our profits were donated to purchase beekeeping equipment and promote environmental awareness. Over $600 given.

VIASTORE SYSTEMS | Software Engineer Co-op   **2017 - 2018**
> - Warehouse Management Systems software development in C/C++ and MSSQL. Refactored, developed, and tested new software features that were deployed on customer site.

EZIV LLC | Founder   **2016**
> - Partnered with *Spectrum Health Innovations* to develop an infusion device. Performed market and product research for a device that would help ease the lives of many elderly patients and raise awareness on issues of elderly neglect.

GVSU Housing | Resident Assistant   **2015 - 2019**
> - Ensured the safety of students, planned community events, and learned how to respond to high-stress situations such as roommate conflicts and life-threatening ideations.

WASABI RESTAURANT | Server / Sushi Chef   **2014 - 2015**
> - Held highest sales for multiple months, experienced working in the food service industry.

IMET Ltd. | Front-End Web Development Intern   **2010 - 2016**
> - Maintained front-end website using HTML/CSS, drew CAD renderings for PM/NOx filters.

Community Involvements

MSU SpartaHack | Fielded for a GVSU team to develop a custom Pebble watch application
Collegiate Entrepreneurs Organization | Learned the skills required for startup development
GVSU Rifle Club | President/Team Captain – 2020 & 2018 Air Rifle 1st All-Star Team, Minimum Qualifier for ISSF Olympic Games. Charged with fundraising, equipment maintenance, and trip planning.
GVSU Beekeepers Club | Learned beekeeping intricacies and raised issues of bee population decline.
Sustainable Agriculture Project | Practiced ground soil tilling and horticulture

Skills/Projects/Research Experiences

TECHNICAL – Solidworks | C/C++ | Python | Java | HTML/CSS | Microsoft SQL Server | Bootstrap
PROJECTS – PCB Circuit Design for a Speaker | MSP432 Microcontroller Integration with an Alarm System | Microcontroller Integration for Truck Door Automation | IV Pump Market Research
FIELD EXPERIENCE – Fish, Animal, & Tree Identification | Electrofishing | Topographic surveying | Field Triangulation | Soil Sampling and Testing | Compass Navigation | GIS Georeferencing and Digitizing

Activities – Awards – Scholarships - Certifications

BUSINESS PITCHES: mWest - 1st Place | **SAGINAW VALLEY -** 3rd Place | **AccelerateMI** – Top 8
SCHOLARSHIPS: Bill & Diana Wipperfurth Research | GVSU Community Leadership | GVSU Web Team | Michael & Susan Jandernoa Entrepreneurship | Scott Dykstra Oliver Engineering | Inter. Student
SUSTAINABILITY CHAMPIONS AWARD | Monetary & volunteering support for GV's Beekeepers
LEAD-LIKE-A-LAKER AWARD 2015-2018 | Leadership excellence and service as Resident Assistant
S-130 / 190 CERTIFICATION | Basic Wildfire Fighting Techniques, Type II Woodland Firefighter