

Hung-Wei Wu

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Technically proficient, eager, and motivated student/programmer with past experience developing, programming, testing, and maintaining small scale software. Maintains strict attention to software requirements; adapts to changing business goals.

OBJECTIVE

- Computer science student fascinated with big data concepts, seeking a summer internship as a software engineer

TECHNICAL SKILLS

- Proficient in: **Java, C++, Bash**
- Familiar with: **Python, C, JavaScript, HBase, Hive**

RELEVANT EXPERIENCE

Undergraduate Teaching Assistant, University of Minnesota, Minneapolis, MN Aug 2016 – Present

- Taught two lab sections for CSCI1933: Introduction to Algorithms and Data Structures
- Used challenging lab exercises and projects to apply what was learned in lecture
- Explained and demonstrated major concepts to facilitate student learning

Database Development Intern, UnitedHealth Group, Minnetonka, MN Jun 2016 – Sep 2016

- Tasked with automating database quality tests that were previously done manually
- Formulated and implemented a testing strategy that significantly cut down testing time
- 21 test cases incorporated into testing protocol

Innovation Intern, Medical Device Center, Minneapolis, MN Jun 2015 – Apr 2016

- Worked with postgraduate engineers and physicians to prototype devices that meets clinical requirements
- Wired and programmed microcontrollers to generate stable waves at extreme frequencies
- Worked with pressure sensitive resistors to prototype a device to alert paraplegics of formation of ulcers
- Possible patent pending

Mobile Development Intern, Kaj Labs LLC, Minneapolis, MN Jun 2015 – Sep 2015

- Tasked with adding features as well as security to outdated Android apps
- Worked with a small group of developers to program a briefcase app for lawyers
- Features: intuitive and user friendly file organization, secure login

Web Developer, Midwest Asian American Student Union, Minneapolis, MN May 2015 – May 2016

- Wrote custom CSS and HTML to add custom features to a SquareSpace template
- Features: workshop registration, automated emails, real time count down timer
- Leveraged keywords and Google search to make site top three in results related to "MAASU"

Java Developer, Programming Club, Indiana, PA Sep 2013 – Dec 2014

- Worked over 100 hours on an interactive Christmas card maker
- Features: save as jpg, select individual overlapped shapes, resizable colorable text
- Won 3rd place at Gannon University's annual high school programming competition

EDUCATION

University of Minnesota, Twin Cities, Honors: Computer Science, Mathematics Aug 2014 – May 2018

- GPA: 3.506, Solar Vehicle Project Team, Treasurer of Philippines Student Association
- Classes Taken: Algorithms & Data structures, Computer Architecture, Operating Systems, Program Design