



Dan Bai

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Objective

Computer Engineering and Computer Science incorporated internship and co-op opportunity with self-motivated environment that encourages active learning in the field of web development and software engineering.

Education

B.S. Computer Engineering and Computer Science, Expected May 2020
University of Wisconsin – Madison
Cumulative GPA: 3.7 / 4.0

Experience

Pick 'n Save, Madison, WI
Customer Service, October 2014 – October 2015
Provided exception customer service and kept a punctual schedule through the year.

UW Department of Astronomy, Madison, WI
Summer Intern, June 2015 – October 2015
Used MATLAB to produce an image based on data collected on galactic winds.

UW Madison Student Shop, Madison, WI
Student Technician, September 2017 – Present
Provides professional opinion and help regarding machinery and machining.

Skill

Technical: Intermediate machine operation knowledge from academic and amateur projects
Intermediate circuitry design, implementation, and analysis from extracurriculars
Computing: Professional courses in Java and C
Structural design of rocket launchpad in SolidWorks and Inventor
Web design of resume page using HTML/CSS
Academic usage of MS Office, MATLAB, Mathematica for various coursework
Language: Chinese, proficiency and cultural knowledge
Spanish, proficiency from high school academics

Activities

Engineering: Built a temperature and humidity sensor in Wisconsin Robotics
Designed and built an audio equalizer in Wisconsin IEEE Branch
Computing: Programmed app implementing twitter in API Software Development Club
Designed games using Unity in Game Development and Design
Volunteering: Hackathon – Madison
Wisconsin Science Fair – Madison
Physics Fair - Madison
Miscellaneous: Event organizer as the TAS Housing Board Chair
Autonomous launchpad design in Rocketry Club