David Wang

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EDUCATION

Rensselaer Polytechnic Institute (RPI) — Troy, NY
B.S. in Computer Science & B.S. in Information Technology Web Science — *Aug. 2022 – May 2026*
- Awards/Honors: Rensselaer Leadership Scholarship, Dean's Honor List– Fall 2022, Spring 2023, Fall 2023
- GPA: 3.65/4.0
- Courses: Foundation of Computer Science, Computer Organization, Web Systems Development, Data Structures

TECHNICAL SKILLS

Languages: C/C++, HTML/CSS, JavaScript, Java, Python, SQL, PHP, Bash Script, MIPS (Assembly), Makefile
Web Technologies: jQuery, AJAX, Bootstrap, phpMyAdmin, Vue.js, WordPress
Developer Tools: Git, VS Code, Visual Studio, Ubuntu
Certifications: Oracle Cloud Infrastructure 2023 Certified Foundations Associate

EXPERIENCE

IT Intern — May 2023 – Aug. 2023
State Insulation Inc. — *San Diego, CA*
- Managed and updated Asset and Inventory database which improved organization through increasing the database by over 50% across multiple locations
- Tier 1 Tickets with Remote Desktop Protocol, Hardware/Software troubleshooting, Software Installation, and Hardware maintenance/upgrades allowing for increased 23% productivity in coworkers through tickets
- Tasked with solo projects such as web page redesign, workflow reconstruction, and digitalization of resources which improved functionality and ease of access with workflow

PROJECTS

Data Connoisseur | *C++ (Microsoft Foundation Class), Git* — Aug. 2023 – Dec. 2023
- Team lead of 8 on an open source project under Dr. Kruger at RPI which entails the development of a software package to support in-class instructions of data science methods and machine learning methods
- Developed the Linear Classification method by employing computations on training datasets to enable model training for accurate data classification.
- Implemented goals that were set out by Dr. Kruger and collaborated with other sub-teams to fulfill them

Degree Doctor | *Vue.js, Quasar, CSS, Git* — Jan. 2023 – May 2023
- Conceptualized/executed frontend features with a team of 5 on a webapp for RPI students to manage their degrees
- Implemented a feature that allowed students to view their credits in their degree plans as well as improved UX through updating UI functionality

NVIDIA Machine Learning | *Cuda, Linux* — Jan. 2022 – May 2022
- Initialized AI models utilizing a camera on the NVIDIA Jetson Nano platform. Models could detect human body parts (marking joints with nodes and lines for limbs), have object recognition, facial detection, etc.
- Engaged in rigorous testing of GPU parallel processing and experimented on training a fresh neural network with an image database for facial recognition.

LEADERSHIP

Coding&&Community | *Instructor* — Aug. 2022 – Present
Society of Asian Scienctists and Engineers PR Comittee | *Member* — Aug. 2023 – Present
HackRPI Organizing Team | *Organizer* — Aug. 2023 – Present

AWARDS

Gold Presidential Volunteer Service Award (PVSA) — 2019, 2020
Silver Presidential Volunteer Service Award (PVSA) — 2021