Kiera Walker

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SUMMARY

Computer Science Senior equipped with extensive programming expertise and a robust technical foundation. Unwavering motivation, adeptness in both independent and team-driven projects, a meticulous attention to detail as well as excellent analytical, written, and verbal communication skills.

EDUCATION

B.S Computer Science, Arizona State University, Tempe, AZ   May 2025
Relevant Courses:

- Data Structures and Algorithms
- Operating Systems
- Physics I, II, Mechanics
- Calculus I, II, III
- Programming for Computer Engineering
- Software Development

SKILLS

Programming Languages: Python, C/C++, C#, Java, JavaScript, HTML/CSS
Tools, Databases, and OS: Unix/Linux, Maya 3D, AutoCAD, Unreal Engine, AutoCAD, SQL

PROFESSIONAL EXPERIENCE

Show Programming Intern- Walt Disney Imagineering, Glendale, CA   June 2024 – December 2024

- Worked closely with Show Programmers to operate and maintain advanced hardware and software tools for robotic and ride systems
- Assisted in creating, debugging, and organizing Audio-Animatronic figures' digital assets
- Streamlined the organization and security of show data, and contributed to the enhancement of show system tools
- Engaged in prototyping with the R&D team to explore innovative solutions to improve existing tools

Engineering Intern- Universal Studios, Hollywood, CA   June 2023 – August 2023

- Conducted research and development to support ongoing projects and initiatives
- Examined technical issues, developed comprehensive process flow diagrams, and established an all-encompassing departmental process manual
- Provided technical assistance to Tech Services and implemented streamlined processes department-wide

Engineering Intern- Hope Movement Creative, Tempe, AZ   January 2023 – May 2023

- Proficiently utilized Python scripting language to engineer and optimize backend features for web applications, contributing to enhanced user experiences and more efficient processes
- Improved system reliability and robustness while meeting user interface expectations and performance standards
- Developed and maintained automated scripts for data processing and system monitoring, increasing operational efficiency

EXTRACURRICULAR ACTIVITIES

Student Volunteer- ACM SIGGRAPH, Los Angeles, CA   August 2023

- Supported conference management tasks, ensuring smooth operation and coordination of events
- Assisted contributors in demoing technologies and provided technical support for VR setups

Tour Guide- Advocates Program, Arizona State University, Tempe, AZ   September 2022 – May 2024

- Conducted campus tours for prospective students and families from diverse regions
- Offered insights and responded to inquiries with a student-centric perspective