

# AIDAN WENDORF

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## EDUCATION

### Vanderbilt University

BS Computer Science & Minor in Japanese *GPA: 3.5/4.0 Deans List*

Nashville, TN

August 2021 - Undetermined

## WORK EXPERIENCE

### Vanderbilt Computer Science Department

*Teaching Assistant*

Nashville, TN

August 2023 - Present

- **Classroom Support:** Provided guidance to Students, explanations to JAVA Concepts, and assistance during lectures and labs. **Assessment and Feedback:** Assisted in creating assessments and provided constructive feedback. **Mentoring:** Led study groups and encouraged collaborative learning. **Workshops:** Conducted Java programming workshops on real-world applications. **Technical Support:** Assisted with development environments and troubleshooting. **Grading:** Efficiently graded assignments and maintained records. **Communication:** Maintained clear communication with professors and students. **Skills:** Proficient in Java, strong problem-solving, and teaching tools familiarity. Committed to nurturing the next generation of Java developers and contributing to academic excellence.

### Miyajima Grand Hotel Arimoto

*Foreign Guest Consultant*

Hiroshima Miyajima

May 2023 - August 2023

- **Bilingual Communication:** Fluent in both Japanese and English, facilitating seamless communication with international guests and enhancing their experience. **Guest Relations:** Provided exceptional customer service, addressing guest inquiries, concerns, and requests promptly and professionally. **Cultural Guidance:** Assisted foreign guests in understanding Japanese customs, traditions, and local attractions, enriching their cultural experience. **Interpretation:** Acted as a language bridge during interactions between non-Japanese-speaking guests and hotel staff, ensuring clear and accurate communication. **Problem Resolution:** Effectively resolved guest issues, maintaining high guest satisfaction levels and positive online reviews. **Cultural Sensitivity:** Demonstrated cultural sensitivity and adaptability when working with guests from diverse backgrounds. **Team Collaboration:** Worked collaboratively with the hotel staff to ensure a seamless guest experience and resolve any language-related challenges. **Multilingual Resources:** Contributed to creating multilingual materials and resources to assist both guests and staff. **Guest Assistance:** Assisted guests with check-in, check-out, reservations, and other hotel-related services, ensuring a comfortable stay. **Language Proficiency:** Fluent in Japanese and English, enabling effective communication and enhancing guest satisfaction. Dedicated to providing exceptional service and bridging language and cultural gaps for international guests at Miyajima Grand Hotel Arimoto.

### Connections Bank

*Bank Teller*

Fort Madison, IA

May 2021 - August 2022

- **Customer Service Excellence:** Provided exceptional customer service to clients, handling financial transactions with accuracy and professionalism. **Cash Handling:** Managed cash transactions, including deposits, withdrawals, and currency exchanges, ensuring precision and security. **Account Management:** Assisted clients with account inquiries, balance checks, and account maintenance, enhancing their banking experience. **Product Knowledge:** Gained in-depth knowledge of bank products and services, offering guidance and solutions to meet client financial needs. **Accuracy and Efficiency:** Conducted transactions efficiently while maintaining a high level of accuracy, reducing errors and ensuring compliance with bank policies. **Security Protocols:** Followed strict security protocols and procedures to safeguard bank assets and client information. **Team Collaboration:** Collaborated with bank colleagues to ensure smooth operations and addressed client inquiries effectively. **Problem Solving:** Resolved client issues and discrepancies promptly, ensuring client satisfaction and trust. **Compliance:** Maintained a strong understanding of banking regulations and compliance standards to ensure adherence. **Multitasking:** Managed multiple tasks simultaneously, such as handling transactions, answering phones, and assisting clients with a courteous and professional demeanor. **Financial Technology:** Proficiently used banking software and technology for transaction processing and client record management. Dedicated to delivering excellent customer service and ensuring the smooth operation of banking activities at Connections Bank.

## TECHNICAL SKILLS

Languages:	JAVA, C++, C, Python, Javascript/HTML/CSS, SQL
Framworks:	React, Node.js, Vue.js, Express.js
Tools:	Git, Linux, Docker, Make
General Skills:	Advanced Written/Spoken Japanese, Customer Service, Teamwork, Communications, Operations

**Computer Reselling Business *HTML***

With a group of three founders I contributed in creating a thriving computer reselling business driven by my entrepreneurial spirit and passion for technology. Through strategic supplier partnerships, I ensure a diverse range of high-quality computer hardware with competitive pricing. My commitment to personalized customer service has led to strong client relationships. Continuous market research guides product offerings and pricing strategies. Online presence and e-commerce reach a global customer base, while rigorous quality control maintains high customer satisfaction. Efficient inventory management and financial acumen maximize profitability. A skilled team and collaborative work environment contribute to our success. I am dedicated to delivering top-tier computer solutions and driving innovation in the technology sector.

**Development on the XV6 Operating System *C, Git***<https://github.com/aidanjinn>

In my personal project, I undertook the challenging task of enhancing an operating system from scratch. I designed and implemented essential features, including page tables, pipes, queuing mechanisms, and context switching. This project allowed me to dive deep into low-level system programming and kernel development, where I applied my expertise to optimize memory management through page tables, ensuring efficient memory utilization. I also introduced pipes and queuing mechanisms, enabling seamless interprocess communication and synchronization within the system. Furthermore, my work on context switching greatly improved the system's multitasking capabilities, enhancing its overall performance and responsiveness. Through this project, I showcased my technical skills and dedication to advancing operating system functionality, resulting in a more robust and versatile system.

**Design Pattern Calculator *C++, Git***<https://github.com/aidanjinn>

As part of a class project, I independently embarked on the development of a unique calculator that leveraged design patterns and was structured as a node tree. This innovative calculator went beyond basic arithmetic operations, utilizing established design patterns to enhance its functionality and maintainability. The project's structure was based on a node tree, which enabled a hierarchical representation and manipulation of mathematical expressions. The incorporation of design patterns not only improved code organization but also enhanced the calculator's extensibility and flexibility. Through this individual class project, I showcased my proficiency in software design, problem-solving, and algorithm development, resulting in a calculator that offered advanced mathematical capabilities while adhering to sound software engineering principles.

**Japanese Languages Translation *English, Japanese, Word***

As part of my role at Miyajima Grand Hotel Arimoto in Japan, I took the initiative to redesign and create new signage and informational materials in English to enhance the guest experience. This project involved translating and adapting existing content to ensure clarity and consistency while catering to English-speaking guests. The redesigned signage and materials not only improved communication but also contributed to a more welcoming and inclusive environment for international guests. Through this project, I demonstrated my language proficiency, attention to detail, and commitment to providing exceptional hospitality by bridging language barriers and making information easily accessible to a diverse guest clientele.

**Sudoku in *LUA/RACKET/C++/PROLOG C++, RACKET, LUA, PROLOG, GIT***<https://github.com/aidanjinn>

As a computer science enthusiast, I embarked on a comprehensive project to create a Sudoku solver in multiple programming languages, including LUA, RACKET, C++, and PROLOG. This challenging undertaking allowed me to demonstrate my adaptability and proficiency across different programming paradigms. In LUA, I focused on simplicity and readability, while RACKET showcased my functional programming expertise. C++ emphasized optimization and memory management, and PROLOG delved into rule-based programming. This multifaceted project underscored my commitment to tackling complex challenges, my versatility as a programmer, and my passion for exploring various languages and paradigms in the pursuit of innovative solutions.