Zachary Kermitz

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EDUCATION

Stevens Institute of Technology, Hoboken NJ **May 2023**
Bachelor of Engineering in Computer Engineering **G.P.A. 4.0**
Minor in Computer Science

- **Awards**: First in Class, Dean's List, Tau Beta Pi Honor Society, Presidential Scholarship
- **Coursework**:
  Conceptual: Data Structures, Discrete Mathematics, Computer Architecture
  Advanced Applications: Algorithms, Database Management Systems, Operating Systems, Programming Languages, Image Processing, Modeling & Simulation, Information Systems Engineering
  Statistical Methods: Linear Algebra, Differential Equations, Probability & Statistics, Calculus

TECHNICAL SKILLS

OOP Programming: C++, Java, Python; **Web Programming:** HTML, CSS, Javascript, React, Bootstrap, Tailwind CSS
Other: C, Git/Github, Agile/Jira, PostgreSQL, Workday

ACADEMIC PROJECTS

Stevens Institute of Technology **Hoboken, NJ**
Senior Design Project: BUBBL (Java/XML, Android Studio) Spring 2023

- Developed an auto-sorting task management app for Android
- Prioritization algorithm factors in time, location, and user-based priorities
- Implemented Google Maps for task location selection and distance calculations

Java Checkers Spring 2022

- Worked in a team of three to create a fully functioning checkers game in Java
- Utilized Java's Abstract Window Toolkit and Swing to draw the 2D graphics

LEADERSHIP EXPERIENCE

Stevens Institute of Technology **Hoboken, NJ**
Stevens Entertainment Committee Festivities Chair March 2020 - March 2021

- Organized on-campus events to engage students within the Stevens community including a Hoboken scavenger hunt and Earth Day social media celebration
- Planned these events through the Covid pandemic in order to provide safe experiences for the on-campus freshmen

Stevens Entertainment Committee Duck After Dark Chair March 2021 - March 2022

- Managed a budget of ~$20000 to organize 12 on-campus events with vendors such as a roller disco and cupcake decorating with Carlo's Bakery
- Ran the first Stevens drag bingo in collaboration with the Diversity & Inclusion Committee

WORK EXPERIENCE

Intel Corporation **Allentown, PA**
SoC Design Engineer Intern Summer 2021/2022

- Worked on Intel's Xeon Networking Engineering Group which focuses on the development and integration of XEON and Networking SoCs for implementation into 5G networks.
- Participated in an agile scrum framework including two week sprints and SUMs

ACTIVITIES & INTERESTS

Pickleball, Traveling, Hiking, Trivia ("Jeopardy!"), Crosswords