Daniel Cheng

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EDUCATION

University of Pittsburgh, Pittsburgh, PA   August 2023 – April 2027
Pursuing Bachelor of Science in Computer Science, Master of Art in Violin Performance   **GPA:** 3.9/4.0
Frederick Honors College, Admitted BS+MS in Computer Science Program, Business Minor
- Coursework: Theory of Computation, Programming Language for Web Apps, Systems Software, Software Quality Assurance, Data Structures and Algorithms, Mathematical Foundations of Machine Learning

EXPERIENCE

PNC Bank, Pittsburgh, PA   May 2025 – Present
Technology Intern - Payments Transformations
- Developing PNC payment systems involved with receiving/requesting funds from other banking systems
- Working with **Java, Mongo, and Kafka** and involved in QA testing

STIW Lab (Dr. Aakash Gautam), Pittsburgh, PA   March 2024 – Present
Research Assistant
- Assisting professor in Human-Computer Interaction Lab focused on dealing with issues of power inequity
- Co-designing learning plans focused on data literacy for middle school children with company No Code AI
- **Co-authoring research publication** on teaching structures to instruct children in data-literacy skills

LEADERSHIP

SteelHacks Hackathon, Pittsburgh, PA   June 2024 – Present
Executive Director, Previously Director of Outreach
- Managing team of 30+ people to plan SteelHacks XII 2025; Raised **$25,000**+ in funding
- **Recruited over 600 students from 81 different universities** to apply for SteelHacks XI 2024
- Formed relationships with hackathons like HackMIT, TartanHacks, HarvardHacks, and HackTech

PROJECTS

DeepClean (Web Application - TartanHacks 2025)   **GitHub:** DeepClean
- URL: https://danielstevecheng.pythonanywhere.com/
- Developed application at TartanHacks 2025 using OpenCV to detect and initiate the removal of trash from ocean garbage patches.
- Used **Flask, HTML/CSS, JavaScript** for webpage, **Python** for computer vision.

Roomies (Mobile App)   June 2024 – Present
- Currently developing a new mobile app using **Swift** to help schedule coordination among roommates and to encourage communication amidst busy and conflicting schedules
- Design focused on elevating functionality and ease of use to promote roommate communication

SKILLS

Languages: Python, Java, C/C#, HTML/CSS, JS, Swift **Technologies:** Next.js, Tailwind, git, MongoDB, Kafka, Unity

ACTIVITIES

Musicians in Medicine, Vice President, Social Media Manager   August 2024 – Present
University of Pittsburgh Symphony Orchestra, Concertmaster   August 2023 – Present

AWARDS

Helen T. Carp Distinguished Service Award (Philadelphia Youth Orchestra)   June 4, 2023
Senate of Pennsylvania Citation of Recognition (Senator Carolyn Comitta)   May 15, 2023