Kinner Parikh

(425) 219-7627 | kinner@outlook.com | linkedin.com/in/kinnerparikh | github.com/kinnerparikh

Education

University of Washington – Paul G. Allen School Seattle, WA

Bachelor of Science, Computer Science *Expected Graduation June 2025*

- Relevant Coursework: Systems, Data Management, Software Design & Implementation, Distributed Systems, AI, Embedded Systems, ML, Operating Systems

Pennsylvania State University State College, PA

Bachelor of Science, Computer Science *August 2021-December 2022,* Transferred

- Relevant Coursework: Data Structures, Algorithms, Systems Programming, Computer Organization

Experience

Undergraduate Research Assistant September 2024 – Present

UbiComp Lab – Paul G. Allen School of Computer Science & Engineering *Seattle, WA*

- Created a system to crowdsource the amount of ambient light on a street using commodity smartphones and publish that data to help inform local officials
- Developing an affordable wearable ring to track the amount of natural light exposure a person receives to relate that to their quality of sleep (in conjunction with the de la Iglesia Lab, project: Sleep in University Students)

CSE Teaching Assistant – CSE 474 (Embedded Systems) September 2024 – Present

Paul G. Allen School of Computer Science & Engineering *Seattle, WA*

- Helped students understand course material, debug code, prepare for exams, and teach some sections
- Created the autograder for the course, used to efficiently grade student assignments

Software Engineer Intern June 2024 – September 2024

Amplitude *San Francisco, CA*

- Created a pipeline to simplify and automate GDPR compliance and Time-To-Live (TTL) for user data
- Leveraged cloud services (Lambda, S3, etc.) to create scalable and efficient solutions to manage high throughput
- Learned about development in a small company, and worked on a robust backend codebase with a small team

Software Engineer Intern May 2023 – July 2023

Microsoft *Redmond, WA*

- Engineered a GPT based chatbot to quickly create marketing segments (Azure OpenAI)
- Integrated multiple cloud-based technologies into a production product
- Developed in a full-stack style with multiple team members in a large production codebase

Data Science Intern January 2023 – April 2023

Carrier *West Palm Beach, FL*

- Developed API to connect several databases into a centralized gateway and created a Connected Dashboard (AWS) for all Carrier Fire Safety connected devices dedicated for management
- Engineered machine learning model to proactively identify hardware issues in connected devices
- Came up with business monetization opportunities from aggregated data to reduce warranty costs

Software Engineer Intern May 2022 – July 2022

Microsoft *Redmond, WA*

- Engineered AI-based solutions to improve the customer journey experience
- Designed and developed Next Best Offer feature (NLP + CV) for Customer Experience Platform
- Developed a customization feature for internal Azure dev-tools (React)

Projects

CV + AI Architect, Penn State AutoDrive Challenge Team March – August 2023

- Worked with a team of over 100 to convert a Chevrolet Bolt into a driverless car
- Developing and integrating computer vision algorithms into the drive-by-wire steering system

Ski Instructor, Husky Winter Sports January 2024 – Present

- Teaching kids to be absolute shredders on the slopes, and helped them learn to love the sport
- Helping run the business side of the club, including event planning and lesson management