

AUSTIN WONG

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www.austinwong.me

EDUCATION

University of Washington

Seattle, WA (Graduation: 2021)

- Junior pursuing B.S in Computer Science; Minor in Mathematics; **GPA: 3.55**
- Coursework: Software Design and Implementation, Hardware/Software Interface, Foundations of Computing, Systems Programming; Data Structures and Parallelism; Data Management
- Involvement: Association for Computing Machinery Executive Officer, Theta Tau Professional Fraternity

EXPERIENCE

AT&T

Software Engineering Intern

Redmond, WA (June 2019 - Present)

- Automated Network Testing Team

University of Washington Prosocial Computing Lab

Research Intern

Seattle, WA (July 2017 - May 2018)

- Worked with a team led by Prof. Gary Hsieh to develop and research the application of a chat bot that automatically assigns emoji to text messages through facial input from a computer webcam.
- Devised methods to gather data from human subjects and facilitated system testing through observing use of our system as well as qualitative surveying and interviewing.
- Co-authored academic paper ReactionBot: Exploring the Effects of Expression-Triggered Emoji in Text Messages for submission to research conference CSCW 2018 where it was in the top 20% of submissions and accepted to the second cycle for presentation at the conference.

Kumon Education

Teaching Assistant

Bellevue, WA (January 2015 - August 2015)

- Tutored elementary through middle school students in math and reading assignments.
- Graded student assignments and managed data to track student progress.

PROJECTS

CampusPaths

- A mobile Android application that finds and displays the shortest path between two buildings on the UW campus from user input.
- Backend developed on Java and fully tested with JUnit. Frontend features a graphical user interface built with Android SDK.

Discount Sneaker Web Scraper

- Python web scraper that displays price, model, and color on discounted shoes from multiple online shoe retailers.
- Utilized BeautifulSoup Python library to parse HTML page contents and extract only relevant information.

ReactionBot

- At the Prosocial Computing Lab, I contributed toward developing a MacOS Slack chat bot that captures facial expressions and automatically attaches a respective emoji to text messages.
- Developed in Swift, which captured user facial expression and assessed it through Microsoft Emotion API, and in Node.js using Slack API to call image captures and attach emoji to messages.
- Utilized a websocket to allow both components of the system to interact.

ABOUT ME

Languages Java, C/C++ JavaScript, Python

Technologies JUnit, Git, JQuery, React.js, HTML/CSS

Interests Human-Computer Interaction, Machine Learning, Web/Mobile Development