

AUSTIN WONG

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www.austinwong.me

ABOUT ME

Languages Java, JavaScript, Node.js, Swift
Technologies Eclipse, Xcode
Interests Human-Computer Interaction, Machine Learning, Web/Mobile Development

EDUCATION

University of Washington *Seattle, WA (Graduation: 2021)*

- Pursuing B.S in Computer Science at the Allen School of Computer Science & Engineering
- GPA: 3.40

EXPERIENCE

University of Washington Prosocial Computing Lab *Seattle, WA (July 2017 - May 2018)*
Research Intern

- Worked with a team led by Prof. Gary Hsieh to 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 *Bellevue, WA (January 2015 - August 2015)*
Teaching Assistant

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

PROJECTS

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.

FaceMask Chrome Extension

- Google Chrome extension developed on JavaScript that prevents accidental likes and shares on the Facebook web application through DOM manipulation.

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- A personal portfolio website created from scratch with HTML, CSS, and JavaScript.

INVOLVEMENT

Association for Computing Machinery (ACM) - Associate Officer

- Plan professional and social events as an officer of the undergraduate ACM chapter to promote the field of computing at the University of Washington.
- Primarily involved in connecting undergraduate students to the various academic research opportunities in Computer Science and Engineering.

Theta Tau Professional Fraternity

- Member of the Theta Tau professional engineering fraternity chapter at the University of Washington.