Michael Kennedy

📞 831.917.9737 | ✉ michaelkennedyns5@gmail.com | 🔗 linkedin.com/in/mw-kennedy | 🔘 github.com/xNS5

TECHNICAL SKILLS

General Experience : Data Structures, Algorithms, Databases, Git, JIRA, Trello, Kanban.
Languages : Java, C, C#, Flutter (Dart), Python, JavaScript (VueJS, SailsJS), HTML/CSS, Bash, PowerShell.
Operating Systems: MacOS, Windows, Linux.

EDUCATION

Western Washington University (WWU)   Expected December 2021
Bachelor of Science in Computer Science, Minor in Communication Studies   Bellingham, WA

EXPERIENCE

Viking Union (VU), Western Washington University   June 2019 – December 2021
Computer Maintenance Technician   Bellingham, WA

- Acted as the sole on-site technician providing in-person and remote support during COVID-19 lockdown.
- Deployed software and hardware to machines and offices located throughout the Viking Union.
- Set up a Synology Network Attached Storage (NAS) device to replace the VUs shared network drives.
- Researched, implemented, and deployed a single-application kiosk to the VU information desk using Windows 10, PowerShell, Internet Explorer 11, and local group policy configuration.
- Created a Bash script to gather hardware and software information of iMac computers under the VU's auspice.
- Created Bash scripts to automate the wiping and reformatting of USB drives in the VU's lost and found.

Computer Support Services   2016 – 2019
Contract Technician   Pacific Grove, CA

- Constructed and tested ethernet cables.
- Replaced malfunctioning parts in workstations.
- Created a bash shell script to assist with firewall screening.

Residential Technology Services (ResTek), Western Washington University   September 2016 - October 2016
Helpdesk Intern   Bellingham, WA

- Selected as one of eight interns to provide technical support for new students in the dorms around campus.
- Worked independently to help students register laptop computers and cellphones with the database connected to the WI-FI, program TVs, and troubleshooted technical issues.

PROJECTS

Axe Enhancements *– SailsJS, VueJS, Selenium, Python, Deque aXe API*   January 2021 – Present

- Led a team of 4 in the development of a full-stack accessibility checking application for Wandke Consulting – an accessibility consulting company in Bellingham, WA.
- Utilized Deque Labs aXe accessibility API and Selenium Webdriver to scan websites for Web Content Accessibility Guideline (WCAG) violations.
- Implemented API routes in Sails.js, and integrated a custom web crawler using the Scrapy Python library.

Web Content Accessibility Guideline (WCAG) Reference CJS *– Javascript*   July 2021 - Present

- Forked and the NodeJS Package "WCAG Reference" to work as a CommonJS import.
- Updated documentation, added a function to locate and return all WCAG success criterion of a given level (A-AAA).

- Updated the reference web scrapers to include short and long descriptions of WCAG guidelines, using regular expressions to format and remove unwanted characters.
- Utilized Github Actions to automatically deploy to Npmjs.com.

UML Class Editor – *Java, XML*   August 2021 - Present

- Contributed to the open-source android application UML Class Editor.
- Implemented bug fixes, enhanced UI with accessibility features, upgraded deprecated API.

ReLeave – *Flutter, SQLite*   January 2021 - March 2021

- Led a team of 4 in the development of a cross-platform mobile application to assist people going through cannabis use disorder recovery.
- Integrated Reddit API using the Dart Reddit API Wrapper (DRAW) to interact with the /r/Leaves subreddit.