

# Jean Choe

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## Education

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**The University of Washington (June 2026)**

Bachelor of Science in Computer Science

**Highline College (June 2022)**

Associates of Arts and Sciences

**Awards:** Deans List for 9 Quarters

## Technical Skills:

**Languages:** Java (OOP), C#, C++, Javascript, HTML, CSS, Python, Bash, Typescript, SQL, Assembly, R, JSON

**Libraries and Tools:** Git, React, Linux, Node.js, VIM, PuTTY, Powershell, Microsoft Excel, Microsoft Power Automate

## Work Experience

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- **Department Developer**      **University of Washington Department of Urology**  
*June 2024 – Present*
  - Developed a custom **JSON** script using **Microsoft Power Automate** to automate repetitive tasks, significantly reducing manual effort and improving overhead time.
- **Research Assistant**      **University of Washington Department of Urology**  
*April 2024 – Present*
  - Automated the migration of 20,000+ patients' data from physical records to Redcap cloud storage, reducing data entry time by 40%. Developed a custom front-end interface using HTML, CSS, and JavaScript, improving data accessibility for medical staff.
- **Software Engineer Intern**      **4Human Corporation | 501(c)(3) Non-Profit Startup**  
*January 2024 - March 2024*
  - Collaborated on developing server-side architecture for Murphy's E-commerce, designing API endpoints to store and manage user data securely, enhancing the platform's reliability and scalability.

## Projects

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- **Webscraper**
  - This is a **Python**-based web scraper that efficiently extracts hyperlinks from webpages. Utilizing the requests library for **HTTP** requests and BeautifulSoup for **HTML** parsing. This script simplifies data extraction tasks for personal projects or research.
- **Polling Application**
  - Utilized **TypeScript**, **HTML**, and **CSS** on the University of Washington server to develop an interactive polling system, allowing users to customize poll options, set voting durations, and enable other users to participate by casting their votes.
- **Personal Website**
  - Using **HTML**, **CSS**, and **JS**, I developed a personal website with multiple pages and a link to my resume and GitHub.
  - <https://jeanchoe.github.io>