

# Alex Hixson

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## EDUCATION

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### San Diego State University

*Bachelor of Science in Computer Science | GPA 3.94*

San Diego, CA

*Expected 2026*

### Bothell High School

*High School Diploma | GPA 3.81*

Bothell, WA

*June 2022*

## EXPERIENCE

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### Cyber Defense Club and Competition Team

*San Diego State University*

September 2022 – Present

*San Diego, CA*

- Top %40 in National Cyber League 2022 Individual Competition
- Understanding of common internet protocols, processes, and best practices
- Experienced with pentesting tools Burpsuite, nmap, Splunk and more

### Artificial Intelligence Club

*San Diego State University*

September 2022 – Present

*San Diego, CA*

- Built a program to recognize written numbers with %95 accuracy

### Crew Member

*Crumbl Cookie*

November 2021 – July 2022

*Lynnwood, WA*

- Responsible for managing the baking process and analyzing store inventory output
- Awarded best ovens manager 2021

### Boy Scouts of America

*Scouts BSA*

June 2011 – June 2022

*Kenmore, WA*

- Eagle Scout - February 2022
- Lead a Troop of over 25 scouts for six months as the Senior Patrol Leader; held numerous leadership positions within the Troop
- Learned the importance of delegating tasks, team work, and reliable leadership

## PROJECTS

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### Android App | [Java](#), [Android Studio](#), [Git](#), [XML](#)

March 2021 – October 2022

- Developed a mobile app that will increase the device's volume as the speed increases
- Currently installed on over 140 Android devices
- Most recent update (October 2022) increased downloads by %30 and ad revenue by %40
- Version controlled with Git

### Personal Website | [HTML](#), [CSS](#), [PHP](#), [SQL](#), [JavaScript](#)

January 2022 – Present

- Website to host both personal and professional information about myself and my work
- Dynamic, responsive, and scales well for both desktop and mobile
- Implements a Input sanitizer to protect against common cybersecurity vulnerabilities
- <http://zerofour.tech/>   <http://alexhixson.com/>

### Photo Sorter | [Python](#), [Google Maps API](#)

January 2023 – Present

- Built a program to sort photos base on their location data and timestamp
- Google Maps API used to name folders with city names based on their contents
- Uses statistical model to group photos by similarity

## TECHNICAL SKILLS

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**Languages:** Java, Python, JavaScript, HTML/CSS, PHP, Assembly

**Developer Tools:** Git, Linux Terminal, Android Studio, Active Directory

**Skills:** Leadership, Team Work, Delegation, Punctual