

# Kaih White

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**Portfolio:** <https://github.com/KaihWhite> | <https://www.linkedin.com/in/kaihwhite/> | <http://www.kaihwhite.com/>

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## Education

**Bellevue College, Bellevue, WA**

**May 2023**

- BS in Computer Science 3.9 GPA
  - Two Dean's list awards
  - Relevant courses: Algorithms, Data Structures, Databases, Linear Algebra, Multivariable Calculus
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## Experience

**Instructor | Coding with Kids**

**Current**

- During weekly classes, I educate kids using hands-on projects in Scratch, Java, C#, and Python. The topics covered range from fundamental concepts in coding to data structures, algorithms, and OOP

**IT Support | Staging and Design Network**

**January – May 2020**

- Improved 300 customers experiences by allowing them to finalize purchases they were prevented from doing so previously. Used SQL to manage the company's database when catalog issues came up. Helped debug errors that would arise with the company website with senior developers

**Back-End Developer | XR Universe**

**May – August 2019**

- Developed virtual labs with a team of students from Bellevue College. Created a prototype for an alternative to traditional education using virtual reality and interactive teaching techniques. Used Git to practice version control
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## Projects

**Markov Chain Text Generator**

- Developed an algorithm that reads in text that it then uses to produce new text of a user specified length. I used maps to implement a Markov decision process, which is generated when the initial text is read by the program. This is then used to create new text based on probabilities of what the following character/word might be

**Optimal Path Finder**

- Created a tool to read in a height map, find the shortest path through the range using dynamic programming, and print an image of the map with the optimal path highlighted in yellow for the user
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## Languages

- Proficient: C++ and Python      Familiar: Java, C#, and SQL

## Skills

- Communication, attention to detail, persistent, quick learner, and creative problem solving