Kevin Pham

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Education

University of Washington, Seattle   (*expected graduation* **June 2021**)

Bachelor of Science in Computer Science **| GPA:** 3.74

Technical Skills: C, C++, Python, Java, HTML/CSS, JavaScript, React, PHP, SQL, Assembly Language

Work Experience

Software Development Engineering Intern   June 2020 – September 2020

Amazon Web Services

- Measured business metrics for AWS IoT Fleet Indexing to measure product health and inform future development
- Designed and implemented a data delivery pipeline using Amazon Kinesis Firehose
- Created infrastructure and service code using Java and CloudFormation that is deployed in production

Computer Science and Engineering Teaching Assistant   April 2019 – Present

University of Washington

- Teaching assistant for Web Development, Data Structures, Parallelism, and Discrete Math
- Taught quiz section weekly assisted in creation of educational materials and resources
- Solidified student understanding of computing topics, including Java, algorithms, software design, and complexity

Chapter Director, Operations Coordinator   September 2017 – Present

Camp Kesem at University of Washington

- Managed team of 17 coordinators and oversaw all chapter operations
- Directed summer camp and year-round programs serving 190 children affected by a parent's cancer across Washington State
- Organized and tracked chapter inventory as well as a yearly budget of over $100,000
- Raised over $2000 personally in support of this non-profit organization

DawgBytes Instructor and Student Assistant   July 2018 – August 2018

University of Washington

- Designed a curriculum with educational materials for high school students in the Web Programming course
- Managed a team of counselors and assisted them in leading programming activities
- Applied leadership and project management skills by teaching a class to create several small websites using HTML/CSS and design concepts

Math Study Center Tutor   April 2018 – March 2019

University of Washington

- Tutored in the math study center and held review sessions for Introductory Calculus
- Provided 1-on-1 assistance to approximately 60 students per week

Projects

Client-Side Web Development: MTM Silent Auction Tracker   August 2019

Personal project: designed 3 websites to track bids at a silent auction

- Managed a small server and created a public API to interact with the server
- Used HTML/CSS/JavaScript to create a front end for users and a GUI for volunteers to easily update information
- Will be used at the Make the Magic auction to serve more than 140 people

Client-Side Web Development: Camp Kesem Songbook   December 2018

Personal project: created an online songbook for use at Camp Kesem

- Used HTML/CSS to create an intuitive, responsive, and accessible application, as well as JavaScript to create a dynamic, single-page application
- Currently in use at Camp Kesem to help over 60 volunteers each year learn about camp