

Nicholas Young

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Education

University of Washington

Sept 2016-March 2021

- Bachelor of Science in Computer Science and Software Engineering
- Minor in Math, Minor in Informatics

Relevant Skills

- **Technical Classes:** Data Structures and Algorithms, Introduction to Game Development, Web Programming, Principles of Human-Computer Interaction, Hardware and Computer Organization
- **Languages/Frameworks:** Java, HTML5, CSS3, React, JavaScript, C++, Unity, SQL, R
- **Software/IDE:** Eclipse, RStudio, Visual Studio Code, Git, Microsoft Azure, Amazon Web Services, CLion

Experience

Undergraduate Research Assistant, University of Washington, WA

July-September 2020

- Compile list of 100 commonly used Unity mechanics, develop sample programs to demonstrate each Unity mechanic, and webpage for each mechanic to explain implementation
- Communicate with professor to coordinate and design each mechanic and webpage

Software Engineering Intern, Computing for All, Seattle, WA

July-Sept 2019

- Designed and built cloud-based job portal to help bring computer science education to students from all ages and backgrounds
- Developed user interfaces using HTML, CSS, Bootstrap, JavaScript, Azure DevOps, Azure Teams RP, React, and Redux as part of the front-end development team
- Collaborated with front-end and back-end development teams to create, test, and debug the client-facing site with the RESTful APIs from backend
- Successfully designed, completed and prepared 6 pages of company website for a future launch date

Portfolio Website

July 2018

- Developed personal website hosted through GitHub Pages with personalized domain
- Utilized HTML5, CSS, and JavaScript to demonstrate web development skills
- Displays current personal projects and achievements

Maze Generator and Solver, University of Washington

March 2019

- Implemented Dijkstra's Algorithm to find shortest path through maze randomly generated by Kruskal's Algorithm
- Collaborated with partner to complete project from start to finish using Agile pair programming technique

Leadership

President, Lambda Phi Epsilon, UW, Seattle, WA

Jan-Dec 2019

- Lead the fraternity at weekly chapter meetings to coordinate upcoming events
- Communicated with the governing national board via biweekly conference calls
- Represented the UW chapter during national meetings in Las Vegas, NV, Houston, TX, and Baltimore, MD

Webmaster/Treasurer, Lambda Phi Epsilon, UW, Seattle, WA

Jan-Dec 2018

- Developed and managed fraternity website hosted by WordPress using HTML, CSS, and Bootstrap
- Managed annual budget of \$5000 and expense records for organization
- Coordinate philanthropy events, including bone marrow registration drives, retirement home assistance, Adopt-a-Street cleanups, and charity basketball tournament