

Keith Carlson Jr.

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EDUCATION

Bachelor of Arts in Mathematics and Computer Science (3.47 GPA through first half of Junior Year)

Willamette University Salem, Oregon.

Expected Graduation Date: May 2019

- Mathematics Courses : Discrete and Computational Geometry, Graph Theory, Linear and Abstract Algebra.
- Computer Science Courses: Data Structures, Automata Theory, and Architecture and Compilers

Bainbridge High School Bainbridge Island, Washington

Graduated: June 2015

- Coxswain of the Bainbridge Island Rowing Men's 4+ that finished 8th in the nation in Spring of 2014 at The Youth National Championships in Sacramento, California
 - Captain of the Men's High School Rowing Team for the 2015 Spring Season
 - Three Time varsity letterman (2011, 2013, 2014) in High School Cross Country.
 - Awarded all time most improved and MVP at the end of the 2015 Cross Country Season.
 - Competed in the 2014 WIAA High School State Cross Country Championships in Pasco, Washington
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SKILLS

- Java
 - The Spring Framework
 - Python
 - Assembly Language
 - SageMath
 - SQL - Structured Query Language
 - R Statistical Package
 - HTML and CSS
 - Javascript - Vue.js
 - Git
 - EC2 on Amazon Web Services
 - Kali Linux - Network mapper (nmap), Hashcat, Wireshark, Burp Suite, DIRB Package, National Cyber League Online Competition
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EXPERIENCE

Computer Science Tutor

Willamette University Computer Science Department Salem, Oregon

September - Present

- Hosting two open/group tutoring sessions each two hours long per week.

Software Development Intern

T-Mobile Snoqualmie, Washington

May - August 2018

- Assisted in migrating current application into a microservices architecture.
- Converted backend services from .NET to Java using The Spring Framework.
- Worked on the conversion of frontend services from Knockout.js to Vue.js

Varsity Member

Willamette University Cross Country and Track Salem, Oregon

2015-Present

- Member of 2015-16 and 2016-17 All-Academic Teams and Scholar Teams of the Year in NCAA DIII Track and Field
- Member of 2015-16 and 2016-17 Northwest Conference Scholar-Athletes
- Earned All-Region Honors at the 2017 Division III West Region Cross Country Championships
- Finished 2nd Overall at the 2017 Northwest Conference Cross Country Championships Earning First Team All-Conference Honors
- Competed in both the 2015 and 2017 NCAA Division III Cross Country Championships Earning All-Academic Men's Cross Country Team in 2017
- Member of the first place team at the 2015, 2016, and 2017 Northwest Conference Cross Country Championships

Assistant Coach

Bainbridge Island Rowing Bainbridge Island, Washington

Summer 2016

- Coached both novice and varsity high school rowers 5 days a week during the summer season.
- Helped to organize and prepare athletes to race during the one end of season regatta.