

Tyler Jachetta

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Education

University of California, Davis

Bachelor of Science in Computer Science, GPA: 4.00, Expected 2021

Internship Experience

Website Developer Intern | EandM | June 2019 - August 2019

- Designed and developed an online tool to manage a SQL database from a web application
- Implemented a program with VB and SQL that tracks user activity on a web browser to determine outdated functionalities in the company's internal site
- Designed and began development of online ticketing system using the .NET framework
- Developed interactive data visualization tools using C#, VB, and SQL alongside project managers
- Worked closely with a team of software engineers as I tested their programs for bugs

Website Developer Intern | Infinite Website Design | August 2014 - March 2015

- Utilized Bootstrap and other front-end frameworks to migrate old websites to a modern and mobile compatible version
 - Updated existing sites for improved user-interaction and search engine optimization
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Relevant Work Experience

IT Support Assistant | Tri-County Garage Door | January 2019 - June 2019

- Ensured all internet connections, phone services, and workstations were functioning at all times
- Communicated with customers to schedule on-site repairs and installations

Mathematics Tutor | Santa Rosa Junior College | October 2018 - December 2018

- Conducted one-on-one tutoring sessions for fellow students in Algebra, Multivariable Calculus, and Linear Algebra courses
- Ensured student success by demonstrating academic strategies that guarantee improved homework and exam scores

IT Support Representative | Sonic | June 2016 - January 2017 & June 2018 - October 2018

- Resolved customers' internet connectivity, email, and web hosting related issues
 - Gained experience configuring and troubleshooting fiber optic business connections
 - Configured customers' hardware to ensure optimal service
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Projects

Sorting Visualized | tylerjachetta.github.io/sortingvisualized

{ *Bootstrap, D3.js, jQuery, JavaScript, HTML, CSS* }

Sorting Visualized is an educational website that allows users to visually compare the efficiency of sorting algorithms.

Binary Search Trees Visualized | tylerjachetta.github.io/binarytreesvisualized

{ *Bootstrap, D3.js, JavaScript, HTML, CSS* }

Sharing the same goal as my previous project, this project visually compares different types of binary search trees.

Technical Skills

Languages

- C++, C#, JavaScript, VB, SQL, HTML, CSS

Technologies

- Git, Visual Studio, .NET, jQuery, D3.js, Bootstrap, Photoshop and Premiere Pro (Adobe Certified Associate)

- Experience with troubleshooting networks according to the OSI model
- Experience with Windows, Linux, and Macintosh operating systems in a professional setting