

# Tyler Jachetta

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## Education

### **University of California, Davis**

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

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## 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](https://tylerjachetta.github.io/sortingvisualized)**

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

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

### **Binary Search Trees Visualized | [tylerjachetta.github.io/binarytreesvisualized](https://tylerjachetta.github.io/binarytreesvisualized)**

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

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

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## Technical Skills

### **Languages**

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

### **Technologies**

- Git, Visual Studio, .NET, jQuery, D3.js, Bootstrap, Photoshop
- Experience with troubleshooting networks according to the OSI model
- Experience with Windows, Linux, and Macintosh operating systems in a professional setting