

# CHRISTIAN SCHROEDER

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## ASPIRING SOFTWARE DEVELOPER

Aspiring Software Developer and graduate offering a strong skill set and knowledge base encompassing the full software development life cycle (SDLC) from concept through delivery, including coding, programming, design, launch and enhancement. Well-versed in application development, Agile and Waterfall methodologies and engineering processes. Collaborative team member able to work with cross-functional technical teams, clients and resources to ensure successful development projects.

### Core Competencies

Software Development/Engineering • Full Stack Development • Coding & Programming • Unit Testing & Documentation  
Systems Software Design • Programming Design • Web Development • Project Support • Application Development  
Data Structures & Data Visualization • Database Management • Team Collaboration • Agile Methodologies

## EDUCATION

UNIVERSITY OF CALIFORNIA, San Diego, CA | **Bachelor of Science, Computer Science (2019)**

*Coursework: Computer Architecture, Advanced Software Engineering, Computer Networks, Computer Security, Computer Operating Systems, Database System Principles, Computer Graphics, Design & Analysis of Algorithm, Web Client Languages, Artificial Intelligence, Data Structures, Design Technology & Digital Systems, Engineering Probability & Statistics, Systems Programming, C++, Circuits for Engineers, Advanced C*

YUBA COMMUNITY COLLEGE, Yuba City, CA | **Associate of Science, Natural Science (2016)**

UC Berkeley Full Stack Development Coding Bootcamp | **Student (2022)**

*Coursework: HTML, CSS, Javascript, MYSQL, MongoDB, React, MVC, Agile programming*

## RELEVANT PROJECTS

UNIVERSITY OF CALIFORNIA, San Diego, CA

2016 – 2019

### Undergraduate Student

- **Calendar Application:** Participated on a team of 10 students tasked with creating a calendar application using Android Studio; gained experience with the full software development life cycle (SDLC), as well as both Agile and Waterfall project methodologies to ensure successful app development.
- **Web Applications:** Worked with a team of 9 peers on the development of a series of web applications; learned how to set up proper automated workflows by creating and writing automated tests.

UC Berkeley Full Stack Development Coding Bootcamp

2022

### Student

- **Pethub:** Developed a pet website focused on finding different types of adoptable animals, also had functions for searching for charities and displaying information and photos about cats and dogs; used languages: HTML, CSS, Javascript, as well as JQuery, TailwindCSS, DaisyUI, and AniJS.  
Github: <https://github.com/cmwschroeder/pethub>  
Website: <https://cmwschroeder.github.io/pethub/>

- **Artketplace:** Website created in a team of 4 to have uploadable listings of art pieces that could be seen and “bought” by other users. The website runs through the use of Expressjs to host server side functionality, uses an SQL database, and hosts client side content through handlebars. Demonstrates understanding of agile programming as well as MVC architecture. Hosted on Heroku.

Github: <https://github.com/cmwschroeder/artketplace>

Website: <https://artketplace.herokuapp.com/>

- **Memorize Me:** Developed a React website that hosted memory based brain games developed in a group of 3. Runs through React with an ExpressJs server to host games and allow users to save and view highscores saved in MongoDB accessed by mongoose. Hosted on Heroku.

Github: <https://github.com/cmwschroeder/memorize-me>

Website: <https://brain-stimuli.herokuapp.com/>

## PROFESSIONAL EXPERIENCE

YUBA COMMUNITY COLLEGE, Yuba City, CA

2015 – 2016

### Math Tutor

- Provided tutoring services for students in mathematics using both group study sessions and 1-on-1 support.
- Facilitated study sessions to address coursework for multiple students, assisting them with learning the materials and understanding the mathematical concepts.
- Utilized interactive lessons and activities to ensure the students’ overall comprehension of the topics.

## TECHNICAL SKILLS

Java, C++, SQL, HTML, CSS, JavaScript, JQuery, MongoDB, React