



# Elise A. Weir

Full Stack Developer

## CONTACT ME

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## CAREER OBJECTIVES

Current student in a coding technical training program with exposure to foundations of web development, data structures, and back end design. Eager to use JavaScript and object-oriented programming skills to become your next Full Stack Developer.

## WEB DEVELOPMENT SKILLS

HTML5  
CSS  
JavaScript  
React  
Bootstrap  
Git

## PROGRAMMING LANGUAGES

Python  
C/C++/C#  
SQL

## ACADEMIC BACKGROUND

### SOFTWARE AND WEB DEVELOPMENT TRAINING

*Tech901 | 2020 - Currently Enrolled*

- Web Programming course introducing basic front-end topics including client-side languages.
- Harvard CS50x course covering basic computer programming topics including logic, flow control, functions, data structures, algorithms, computational complexity, and software engineering.

### PHD IN MATHEMATICS

*University of Tennessee | 2014-2018*

### BS IN HONORS MATHEMATICS

*University of Tennessee | 2005-2009*

## WORK SUMMARY

### VISITING ASSISTANT PROFESSOR

*UC Santa Barbara Department of Mathematics | 2019-2020*

- Served as the primary instructor for large (80 and 160) online calculus classes to promote numerical literacy.
- Taught small upper division classes focused on engaging students in logical thinking.
- Directed small teams of Teaching Assistants in holding recitation sections and grading to provide practice and feedback to students.

### POSTDOCTORAL TEACHING ASSOCIATE

*UT Knoxville Department of Mathematics | 2018-2019*

- Created challenge problems and other course materials for the honors calculus sequence as the primary instructor to foster student engagement.
- Served as the primary instructor for a geometry class geared toward future teachers to enhance their understanding of their subject area.

### GRADUATE TEACHING ASSOCIATE

*UT Knoxville Department of Mathematics | 2014-2018*

- Taught as instructor of record for calculus and college algebra courses with the goal of enhancing numerical understanding in student populations.
- Participated in and contributed teaching resources to teaching mentorship programs to help train future college instructors.
- Piloted new algebra program aimed at first-year student retention.

### TECHNICAL SERVICES

*Epic Systems | 2013*

- Provided phone support and custom database code as part of the HIM/Identity team to enhance the product experience of doctors and nurses.
- Served as the primary contact for UC Davis, Health Ventures of Central Iowa, and Oakwood Healthcare to keep healthcare software stable.