

David Heffron

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Marcus Hook, PA 19061

Dynamic professional with hands-on experience working with Java, React.js and UX/UI design. Possesses a strong understanding of software engineering principles and a commitment to delivering high-quality work. Adept at troubleshooting and debugging software applications and working collaboratively.

EXPERIENCE

Software Engineer Intern

HCL Technologies

Horsham, PA

May 2022 – August 2022

- Built dynamic webpages with React components following best practices guidelines.
- Participated in daily meetings to facilitate discussion of strategies, solutions, and improvements.
- Collaborated with peer software engineers to develop and implement software solutions.
- Analyzed and debugged existing code to identify and fix software issues.
- Constructed API calls from frontend code to communicate with backend services.
- Looked for ways to increase team efficiency through tooling or workflow enhancements.

EDUCATION

BACHELOR OF SCIENCE (B.S.) IN COMPUTER SCIENCE

West Chester University of Pennsylvania, West Chester, PA, US

December 2022

GPA: 3.84

Relevant Coursework

- Software Engineering
- Data Structures & Algorithms
- User Interfaces
- Big Data Engineering
- IOS App Development
- Digital Image Processing
- Computer Paradigms & Languages
- Computer Security & Ethics

Awards & Honors

- West Chester University Dean's List: Fall 2019, Spring 2020, Fall 2020, Spring 2021, Fall 2021, Spring 2022
- Academic Excellence Scholarship: \$1,000 per year, Aug 2019 – Dec 2022
- West Chester University Golden Ram Award: \$3,748 per year, Aug 2019 – Dec 2022

SKILLS

- Java
- React.js
- OCaml
- REST APIs
- Confluence
- Git
- CSS
- HTML
- JavaScript
- Python
- SQL
- SwiftUI
- IOS App Development
- Agile/Scrum Methodologies
- Angular
- UX/UI Design

PROJECTS

CSC 417 User Interfaces Webpage

Constructed a webpage in react that allows a user to input their name which is then displayed on a table header. A selector allows users to click one of the buttons to display different section of requirements that are needed to graduate from West Chester Uni.

CSC 345 Lexical Analyzer

Developed a program that replicates a Lexical analyzer for a simple language. The program reads text file input from the command line and uses recursion, switch-case, and for loops to print out all the lexemes and the token numbers for each specific lexeme type.