

Objective

To design efficient and secure software. To utilize innovative programming and creative thinking to solve complex problems.

Education

Chapman University

Expected Graduation: May, 2018

Major: B.S. in Computer Science

GPA: 3.8

Minor: Mathematics

Notable Coursework

- | | | |
|----------------------------------|----------------------|--------------------------|
| • Data Structures and Algorithms | • Visual Programming | • Assembly Language |
| • Operating Systems | • Computer Networks | • Computer Graphics |
| • Discrete Mathematics | • Linear Algebra | • Multivariable Calculus |

Awards and Scholarships

National Merit Scholar, Chancellor's List, Chapman Chancellor's Scholarship

Campus Engagement

Robotics club

2016 - Present

Contributed to the development of an autonomous RC car utilizing image recognition and Arduino controls.

Technical Skills

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|--|---------------------------------|
| • Object Oriented Programming | Java, Python, C++, C# |
| • Front end web development | HTML, CSS, JavaScript |
| • Data management and visualization | MySQL, R, Visual Basic, Tableau |
| • Proficient with the Microsoft Office Suite | |
| • Familiar with Windows and Linux development environments | |

Experience

Web Development Intern

August 2017 - Present

Chapman University - Information Systems & Technology

Orange, CA

Created and maintained modern .NET web applications for use on Chapman University's website. Worked in a team environment to produce efficient, secure software for thousands of Chapman students and alumni.

Earthquake Forecasting Intern

January 2017 - Present

Chapman University - Center for Excellence in Earth Systems Modeling and Observation

Orange, CA

Condensed eight years of gamma radiation data into a concise interactive plot for use on Chapman University's website. Successfully identified pre-earthquake processes by monitoring changes in the conductivity of the earth's atmosphere.

Information Technology System Administration Intern

May 2016 - September 2016

Penn Medicine, Lancaster General Hospital

Lancaster, PA

Assisted System Administrators by updating the security of crucial business intelligence reports, responding to support tickets, and retrieving data using SQL queries.