Tyler Andrews

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EXPERIENCE

Realtime Software Engineer   June 2018 - Present
The Boeing Company   *Long Beach, CA*

- Full life-cycle development including requirements analysis, software architecture, designs, coding, unit test, integration and formal qualification.
- Develop, maintain and integrate software components into a fully functional software system.
- Facilitate coding standard compliance via installation and maintenance of code-analysis tools.
- Concisely explain and demonstrate software functionality and design.
- Contribute to a close-knit, fast-paced team environment.

Earthquake Forecasting Intern   January 2017 – May 2018
Center of Excellence in Earth Systems Modeling and Observation, Chapman University
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.

Ticketing Representative   October 2015 - May 2018
Musco Center for the Arts, Chapman University   *Orange, CA*

- Provided personalized communication and support to a diverse range of people. Responsible for ticket scanning, ushering, and closing the theater.

System Administration Intern   May 2016 – September 2016
Penn Medicine, Lancaster General Hospital   *Lancaster, PA*

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

TECHNICAL SKILLS

- Object Oriented Programming
- Scripting
- Front end web development
- Data visualization

- C++, Python, Java, C#
- Python, Bash, VBA,
- HTML, CSS, JavaScript
- MySQL, R, Visual Basic, Tableau

EDUCATION

Chapman University   *B.S. in Computer Science*
                                                                                       Minor: Mathematics

- **Awards and Scholarships:** Chancellor's List, National Merit Scholar, Chancellor's Scholarship