

Connor Thomas Buckley

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EDUCATION

University of Southern California, Los Angeles, CA

Expected Graduation May 2020

- Viterbi School of Engineering
- B.S. Computer Science, Junior
- GPA: 3.3
- Dean Scholar
- USC eSports Club
- Trojan Golf Association – Competitive Club Golf Team
- USC Joint Educational Project – Instructor

St. Francis College Preparatory, Wheaton, IL

- GPA: 4.0 • ACT: 34
- National Honor Society
- Motorola Terry Jaron IL Junior Golf Association STEM Scholarship
- Rensselaer Medal - Awarded to students distinguished in mathematics and science

RELEVANT COLLEGE COURSEWORK

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| -Data Structures and Object-Oriented Design | -Principles of Software Development |
| -Mobile Application Development | -Algorithms and the Theory of Computing |
| -Probability and Statistics for Computer Science | -Calculus, Linear Algebra and Differential Equations |
| -Discrete Methods in Computer Science | -Introduction to Embedded Systems |

TECHNICAL SKILLS

- Proficient in Java, C/C++, Python, Swift, HTML, CSS, JavaScript, and SQL
- Strong Understanding of Object-Oriented Design and Discrete Methods in Computer Science
- Proficient with Tableau and Excel for Data Analysis and Graph/Dashboard Visualization Creation
- Comfortable developing in Windows, macOS, and Linux
- Experience with Arduino, Raspberry Pi, and Digital Circuits
- Extensive use of SolidWorks and AutoCAD
- Experience leading team members to achieve various engineering goals and overcome challenges

EXPERIENCE

The Northridge Group, Rosemont, IL – Data Analyst Intern

May 2018 – Present

- Created interactive dashboard and data visualizations with Tableau for internal analysis as well as client deliverables and presentations
- Researched, developed, and implemented an automation system for secure file encryption and transfer using a mix of Python scripts and Batch files
- Utilized Tableau and Excel Pivot Tables to perform Data Analysis and find actionable insights from complex datasets

Wise Plastics Technologies, St. Charles, IL – Manufacturing Engineering Intern

May 2017 - August 2017

- Designed two full plant layouts, using AutoCAD, of main production factories
- Utilized plant layouts to model and plan out a full building expansion plan, from positioning of machinery to full CAD design and structural analysis of a multilevel mezzanine.
- Implemented various smaller engineering design projects including safety cages for injection molding machines and a safety locking mechanism for moving molds among production factories.

NEDSRA, Medinah, IL – Adaptive Golf Volunteer

April 2009 – October 2016

Pheasant Run Resort, St. Charles, IL – Golf Cart Attendant

April 2015 – August 2016

Medinah Country Club, Medinah, IL – Outside Services Attendant

April 2014 – October 2014