

# Connor Thomas Buckley

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## EDUCATION

**University of Southern California**, Los Angeles, CA

May 2020

- B.S. in Computer Science, GPA: 3.4

**St. Francis College Preparatory**, Wheaton, IL

- Diploma with Honors, Weighted GPA: 4.8

## COURSEWORK

- Data Structures and Object-Oriented Design
- Software Engineering
- Introduction to Artificial Intelligence
- Probability and Statistics for Computer Science
- Principles of Software Development
- Algorithms and the Theory of Computing
- Mobile Application Development (iOS)
- Calculus, Linear Algebra and Differential Equations

## SKILLS

**Programming Languages:** Java, C++, Swift, Python, JavaScript, HTML/CSS

**Software/Tools:** MySQL, Firebase, Git, Tableau, Excel for Data Analysis, Microsoft Office Suite, SolidWorks, AutoCAD

## EXPERIENCE

**The Northridge Group**

May 2018-Present

*Data Analyst Intern*

- Created interactive dashboards and data visualizations with Tableau for internal analysis as well as client deliverables
- Researched and Developed an automation system for secure file encryption and transfer using Python scripts
- Utilized Tableau and Excel Pivot Tables to perform Data Analysis and find actionable insights from complex datasets

**Wise Plastics Technologies**

May 2017 - Aug 2017

*Manufacturing Engineering Intern*

- Designed two full plant layouts, using AutoCAD, of main production factories
- Utilized plant layouts to model and plan out a full building expansion plan
- Designed and structurally analyzed a multilevel mezzanine using SolidWorks
- Designed safety cages for injection molding machines and a safety locking mechanism for molds transportation

## PROJECTS

**Darker Notes**

Sept 2018 - Dec 2018

*github.com/Laurenzarus/DarkerNotes*

- Led a team of 4 to develop a note-taking web application with Markdown and LaTeX support
- Managed database storage and interaction through MySQL including login, notifications, and sending files
- Connected all front-end code to back-end code through AJAX and jQuery
- Gained experience with GitHub branching, merging, and project management
- Technologies: Java, JavaScript, MySQL, Git, jQuery, AJAX

**FitTrack**

Nov 2018 - Dec 2018

*github.com/ctbuckley/FitTrack*

- Individually developed an iOS app that makes tracking workouts quick and easy
- Utilized Firebase to offer full user login, signup, and data storage
- Visualized user data using iOS Charts API to display health metrics and weight lifting progress over time
- Implemented a system to suggest areas for improvement based on user's personal metrics and goals
- Technologies: Swift, Firebase, HealthKit, iOS Charts