

Kyle Raymond Horton

22 Heather Rd, Monroe, CT 06468

KyleRaymondHorton@gmail.com | (203) 313 – 7321

<https://github.com/KyleHorton>

<https://www.linkedin.com/in/kyle-horton-8113b5147/>

EDUCATION

Quinnipiac University, School of Engineering, Hamden, CT

Expected May 2020

Bachelor of Science in Software Engineering, Minors in Mathematics, Business Management, Cumulative GPA: **3.7**

Honors: Engineering Honor Society (eta Pi), Dean's List (2015 - 2018), MAAC Academic Honor Roll (2016 – 2018)

Relevant Courses: Database Design, Programming/Problem Solving, Object Oriented Design, Software Requirements Analysis

SKILLS

Computer Languages: (*proficient*) Python, SQL, Java, HTML/CSS (*familiar*) C#, JavaScript (jQuery/Angular/Node/React/Vue)

Computer: High level of proficiency in Visual Studio, Eclipse, Android Studio, Git, and Postman

WORK EXPERIENCE

MLB Advanced Media, New York, NY

Summer 2019

Gaming/VR Engineer Intern

- Worked alongside talented game design engineers to develop RBI Baseball '20, an arcade-style baseball game available on XB1, PS4, Android, iOS, and Nintendo Switch
- Developed using Unity and C#, while using Perforce to ensure proper version control and agile methodologies
- Focused on gameplay implementations, specifically new pickoff, base running, and stealing mechanics for XB1 and PS4
- Leveraged knowledge in C# programming, Unity debugging, Perforce version control, team working experience

WORK EXPERIENCE

NARAP Capstone Project, <https://github.com/mchieco/NARAP>

August 2019 - Present

Developer

- Working within a small team to develop a new website for a clinical research organization that allows users to view research data and analysis
- Developed the front-end in HTML/CSS including Bootstrap and Vue.js
- Retrieved research data through API calls from a MySQL database
- Designed a MongoDB schema for organization members to login and track progress
- Developed iteratively through the use of Scrum
- Utilized: HTML/CSS, JavaScript, AWS, JSON, MongoDB, Vue.js, Bootstrap

Reds 2019 Hitter Dashboard, <https://github.com/KyleHorton/RedsOffense2019>

Fall 2019

Creator/Developer

- Produced a dashboard view analyzing the 2019 Cincinnati Reds Hitters
- Created graphical and visual analysis of player and team comparisons
- Constructed a relational database to hold player information with MySQL and Amazon Web Services
- Utilized: Python, MySQL, Plotly, AWS

Prolific Library, <https://github.com/KyleHorton/ProlificLibrary>

Spring 2018

Creator/Developer

- Developed an Android app that allows users to search, favorite, and checkout books from an online library
- Integrated a REST Client called Retrofit to make HTTP requests to a REST API
- Incorporated persistent data storage to archive favorite books
- Utilized: Android Studio, Java, XML, Retrofit

QUINNIPIAC ACTIVITIES

Men's Baseball Team, Player, Team Captain (2019-2020)

Fall 2015 – Present

- Displayed and developed leadership, a strong work ethic, and the ability to work well with a team to accomplish a common goal
- Helped organize team's first annual No Shave November fundraiser in 2018

Quinnipiac Computing Club, Treasurer

Spring 2019 – Fall 2019

- Managed club budget and tracks club spending
- Works closely with members to organize and plan club activities and events

Student Athletic Advisory Committee, Member

Fall 2016 – Spring 2019

- Men's Baseball team representative who worked beside other team leaders to connect Quinnipiac Athletics with the town of Hamden
- Organized community service events at local schools, food pantries, and on the Quinnipiac campus to help athletes give back

INTERESTS

Passionate about baseball analytics. Currently writes player analysis articles for www.PitcherList.com.