# MEHMET SAHIN

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## EDUCATION

**Brooklyn College, New York**                                                          *Aug 2021 - May 2023*
Bachelor of Science, Computer Science; GPA: 3.6/4.0

**Borough of Manhattan Community College (BMCC), New York**        *Aug 2016 - May 2019*
Associate of Science, Computer Science; Honors; GPA: 4.0/4.0
- *Goldman Sachs College Collaborative Program:* Designed a mobile App that implemented Augmented Reality (AR) and indoor mapping to enhance user experience for the Westfield World Trade Center
- *Academic Excellence in Computer Science Award:* Given to 1 student per academic year
- *Trailblazer of the Year at BMCC:* Made the greatest impact on the college community
- *First BMCC Hackathon – Co-Chair:* Launched an event sponsored by Wolfram, Google, Amazon and GitHub. Over 100 students and staff attended, 80% first-time participants

## EXPERIENCE

**Freelancer**
*Software Engineer*                                                                       *Sep 2020 – Jul 2021*
- Developed a multiplayer and single-player 2D video game "Puncher" for a Turkish cartoon animation studio as their entry into the video game industry; successfully published the game on Google Play Store
- Designed and created a single-player 2.5D video game "Animal Match," collaborated with a designer, applied the software development life cycle, and published the game on Apple App Store and Google Play Store
- Tested and optimized games using Unity Test Framework, Frame Debugger, Profiler, and Coroutines to enable seamless game play on any phone.
- Utilized third-party add-ons such as Photon Pun for multiplayer networking, Zenject for dependency injection, Firebase and local files for data storage.

**Borough of Manhattan Community College, New York**
*College Assistant: Data Lead*                                                          *Jan 2017 – Jun 2020*
- Analysed data from up to 300 participants each semester to draw conclusions on the success of the program
- Led a team of seven data analysts to improve data entry, recordkeeping and data analysis in the program
- Achieved a 30% uptick in mentee survey responses (totaling 92%, up from 62%)

**Borough of Manhattan Community College, New York**
*College Assistant: Supplemental Instruction Leader for C++*              *Aug 2018 – May 2019*
- Demonstrated knowledge of advanced level programming in C++, including OOP and C++ STL
- Assisted professor and a diverse population of 30+ students in Advance C++ programming course
- Facilitated study sessions 3x/week to summarize course materials and help students prepare for exams
- Conducted over 400 individual sessions, the most among other Supplemental Instruction Leaders in Fall 2018

**CUNYCodes, New York**
*Software Engineer Intern*                                                             *Feb 2018 – May 2018*
- Developed applied experience in Software Development by building a product from concept to valued delivery
- Designed and implemented user stories and tracked progress using tools such as Pivotal and Agile Scrum Development Methodologies
- Contributed to the team of 7 Developers ranging in experience, acted as Scrum Master
- Utilized MERN Stack (Mongo, Express, React, Node), AWS S3 and Postman for REST API testing

## PROJECTS

**ChallengeMeUp App:** mixemer.github.io/challengemeup
- Created an iOS & Android app using Flutter to encourage individuals to challenge themselves to achieve more
- Utilized Firebase for database and various plugins such as Notification for platform specific features
- Deployed on Apple App Store and Google Play Store

## SKILLS

**Programming Languages:**  C++, C#, Swift, Dart, HTML/CSS/Javascript, Python
**Frameworks/Software:** XCode, Unity, SwiftUI, Adobe XD, GitHub, Git, Firebase, SQL, JSON, RESTful API, React, Svelte
**Interests:** GOT, Biking, Cosmos, Video Games