

John Mayhew

<https://jmayhew4.github.io/>

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Education

University of North Carolina at Charlotte

Bachelor of Science, Computer Science – May 2017

Dean's List – Spring 2015, Fall 2015, Spring 2016

Skills

- **Programming Languages** – C#, Java, JavaScript, MySQL, Ruby, HTML, CSS, C++
- **Software** – GitHub, Active Directory, Unity3D, Unreal Engine 4, Photoshop, Microsoft Office, Google Suite
- **Environments** – Windows and Unix based operating systems

Experience

Client Support Technical Assistant

Charlotte, NC

IT Services - Client Engagement

June 2016 – May 2017

Assisted UNCC students, faculty, and staff with software, hardware, and account related issues via an online ticketing system. Included over the phone, in-person, and email engagement.

Desktop Support Technician

Charlotte, NC

IT Services - Client Engagement

July 2016 – May 2017

Provided on-site ticketing response support to university faculty and staff for computers across the UNCC domain. Duties included diagnosing and troubleshooting hardware/software issues, operating system configuration, administering software, setup of network user accounts/permissions.

Recent Projects

CATS Map

HTML / CSS / GoogleMaps API

Worked with the Charlotte transit system, CATS, to prototype an interactive Google Maps based webpage for CATS bus riders. Aimed to revamp the current non-interactive maps available on the CATS website. Included each stop and individual bus routes.

Labyrinth

Unity / C#

Unity Engine-built 2D combat-platforming game focused around obtaining new abilities from enemies. C# scripting for character actions and abilities, enemy AI, and general game function.

Highlighted Courses

- **Data Structures** – Implementation and analysis of algorithms for designing various data structures, programming within MySQL
- **Software Engineering** – Planning, application, and development of software systems, programming in Ruby and HTML
- **Design and Analysis of Algorithms** – Building and implementation of important algorithms for use in programming, programming within Java
- **Database Design** – Study and implementation of relational databases, data models, and data independence, programming within MySQL
- **Software Development Projects** – Exploration of the software development process, emphasizing requirements, design, testing, deployment, and evolution