**Adam Doyle**

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*Chapel Hill, NC*

**EDUCATION**

**University of North Carolina** at **Chapel Hill** *|* Class of 2024

B.A. **Computer Science** and **Music**, **Information Systems** Minor | **GPA:** 3.75 / 4.0

**Honors:** Dean’s List

**Courses:** Data Structures and Algorithms, Computer Organization, Object Oriented Programming, Discrete Structures, Modern Web Programming, Information Systems Analysis & Design

**SKILLS SUMMARY**

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

**Tools/Frameworks:** Git, IntelliJ, Visual Studio, Adobe XD, Node.js

**PROJECTS**

**Eye Tracking for Medical Diagnosis** *Sep 2021 - Present*

* Member of project team to develop 2D/3D eye tracking software for medical research and diagnosis
* Implement computer vision, UI design, and system design using **Visual Studio, C++, OpenCV, Unity 3D**

**ConnectCarolina Mobile App** *Jul 2022 - Present*

* Designing a new user experience for UNC-Chapel Hill’s online administrative system, ConnectCarolina
* Improving mobile compatibility and web UI using prototyping software **Adobe XD**

**Minecraft Modification Packs** *Jun 2022*

* Developed modification packs for open-source game Minecraft using **Java, IntelliJ, Minecraft Forge API**
* Features include custom items, behaviors, and player effects

**Akari Light-Up** *Apr 2022*

* Built replica of Japanese light-up game Akari using **Java, JavaFX, Maven, IntelliJ**
* Implemented concepts of object-oriented programming, MVC and user interface design

**WORK EXPERIENCE**

**UNC Chapel Hill Information Technology Services** *Chapel Hill, NC*

*Lead Student Assistant May 2021 – Present*

* Provide walk-in technical support to hundreds of university students and faculty for Windows, macOS and campus-level software and services
* Manage and improve office workflow and train other student employees
* Test new software before distribution and update help documentation