AshwathKrishnan
Computer Science Student

Address
56 Potomac Road,
Monmouth Junction,
NJ 08852

Phone
732-853-6160

Mail
ashwath@krishnan.io
ashwathbkrishnan@
gmail.com

Web & Git
krishnan.io
github.com/
SphinxNumberNine

Programming
Java ★★★★★
JavaScript ★★★★☆
C# ★★★★☆
C ★★★★☆
Python ★★★★☆
HTML/CSS ★★★★☆

Frameworks / Platforms
React.js ★★★★★
Node.js ★★★★☆
Docker ★★★★☆
Socket.io ★★★★☆
MongoDB ★★★★☆

OS Preference
Windows ★★★★★
MacOS ★★★★★
Android ★★★★☆
iOS ★★★☆☆
Linux ★★★☆☆

Education

2018 - 2022   **University of Maryland, College Park**   Bachelor's Degree in Computer Science

2014 - 2018   **South Brunswick High School**   High School Diploma

Work Experience

06/18 - 08/18   **Summer Software Internship**   Vydia, Inc. Holmdel, NJ
Worked on strict typing (Flow) for a high level Javascript (ReactJS) codebase consisting of a cross platform mobile application and a web application, as well as converted the company's development setup from a virtual machine environment (Vagrant/Virtualbox) to a containerization environment (Docker).

06/16 - 08/19   **Summer Software Internship**   Commvault Systems, Inc. Tinton Falls, NJ
Learned about REST APIs, cloud server architecture, and front-end design in order to build a Windows application that transfers archived data back and forth between an authenticated client machine and an Appache SolrCloud Index server.

2/16 - 05/18   **Project Spark**   Monmouth County, NJ
Co-founded Project Spark, an organization that promotes computer science education by running basic computer science and robotics classes in public libraries. In addition, the organization creates courses and curriculums and sends them to underprivileged areas of India, where we then hire local teachers to instruct children using our materials.

Projects

04/19   **Partify**   React Native, Node.js, Socket.io and MongoDB
Cross-platform mobile application that allows users to sign in with their Spotify account and host group listening queues. The host recieves a code that they may share with the clients, allowing clients to search Spotify's music library and add songs to the queue. Winner of Lockheed Martin's 'Best React Hack' award at Bitcamp 2019.

08/17   **Command Genie**   C#
Windows Daemon application that looks for incoming emails with the subject "DO COMMAND", and then executes any commands given in the email through the command line, sending any response to the user's email.

08/17   **ExchangeBrowse**   C# and Appache Solr
Windows Application that gets (mail) data from a Solr Index, displays it in tabular format, and allows authenticated users to modify the data. Also shows reports about server performance, advanced server details, and server cores.

06/18   **Multiplayer Battle Royale Game**   Unity Engine and C#
A multiplayer third person shooter game developed as part of a 2 person team, where my contributions include level design, networking, HUD design, and player movement/animations.