

Matthew Jinks

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Georgia Institute of Technology

(404)-889-4994

Bachelor of Science in Computer Science

Atlanta, GA

I am writing to express my interest in the **Software Engineer, School of Medicine – Pediatrics** position at Emory University. With a Bachelor of Science in Computer Science from Georgia Institute of Technology and extensive experience in software development and cloud technologies, I am eager to contribute to your team's mission to advance cystic fibrosis research through innovative technological solutions.

My relevant experience includes:

- **Developing a music streaming web application using a serverless architecture**, utilizing **Angular** to develop a dynamically responsive front-end and Microsoft Azure's **cloud services** to manage a complex backend infrastructure.
- **Designing and implementing a secure backed API** for an online store, incorporating **RESTful API** design with Express, Node.js, and PostgreSQL. Ensured data integrity and protection through hashing, authentication, and authorization mechanisms.
- **Implementing a CI/CD** pipeline using Azure Pipelines to automate Docker builds and deployments to Azure Web Apps.
- **Collaborating on a comprehensive Cloud Security Policy** for a simulated large financial institution aligning with NIST and government regulations.
- **Conducting a Privacy Impact Assessment** for the North Carolina state Board of Elections ensuring compliance with data privacy laws.

My portfolio website (<https://portfolio.matthewjinks.com>) includes video demos, architecture diagrams/overview, design details, and repository links.

I am enthused to use my technical skills to help the Emory School of Medicine improve the lives of individuals affected by cystic fibrosis.

Sincerely,

Matthew Jinks