

Matthew B. Connelly

Email: matthew.b.connelly@gmail.com

GitHub: github.com/MattConn

Homepage: MattConn.io

Education

The City University of New York, College of Staten Island, Staten Island, NY

Bachelor of Science in Computer Science

Expected graduation: Spring 2020

The City University of New York, College of Staten Island, Staten Island, NY

Bachelor of Science in Communications: Concentration in Digital Design

Graduated Spring 2016

Employment

Web Developer

The Charles NYC

January 2016 - March 2017

- Developed with JavaScript, HTML5, and CSS3 to create feature-rich, mobile-first websites
- Implemented frameworks and libraries such as GreenSock, jQuery, and ScrollMagic
- Used Gulp for task-automation, as well as pre-processors such as Jade and SASS

Projects

Independent Study

The City University of New York, College of Staten Island, Staten Island, NY

August 2018 - Present

- Studying formulas, concepts and proofs for differential and hyperbolic geometry
- Solving mathematical problems in Pressley's *Elementary Differential Geometry*
- Visualizing 3D surfaces and curves through Julia programming and other programs

Skills

- C++, JavaScript, Python, Julia, CSS3, HTML5
- Operating systems: Ubuntu, Debian, MacOS, Windows