

Matthew B. Connelly

Education

The City University of New York, College of Staten Island, Staten Island, NY
Bachelor of Science in Computer Science-Mathematics
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

Responsibilities:

- Website development for client projects with client-facing CMS
- 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
- Server-side configuration (database migration, Nginx configuration)

Projects

Independent Study - Differential and Hyperbolic Geometry
The City University of New York, College of Staten Island, Staten Island, NY
August 2018 - Present

- Visualizing surfaces and curves with Julia code and other programs (Geogebra, Blender)
- Finding solutions to mathematical problems in Andrew Pressley's *Elementary Differential Geometry*; presenting solutions with diagrams in weekly report typed in LaTeX

Skills

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