

Carlos Viera

Web Developer

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Driven college graduate looking to inspire students with interests in the art and technology. Seeking to leverage skills acquired in emerging media, web development, and in internships to aid in learning new in-demand web technology.

EXPERIENCE **FREELANCE WEB DEVELOPER:** (New York, NY), 2016 – Present

Provide clients with front and back-end development using leading-edge technologies, frameworks, and runtime-environments to produce cross-platform applications. While simultaneously providing efficient service by writing clear, concise, and testable code, as well as employing UX/UI best practices. Specializing in React MV* applications and data visualizations.

MOBILE WEB DEVELOPER: (New York, NY), 2016 – 2017

Co-developed a graphical user interface that computes the shortest evolutionary distance between two species' genetic code. Wrote the client-side in JavaScript using the D3 data visualization library and built the server-side on NodeJS. Additionally, structured the automated test suite using the Mocha and Selenium testing frameworks, in addition to the Expect assertion library. Grant was provided by Santander Bank.

ADJUNCT COLLEGE LAB TECH: (New York, NY), 2016 – Present

Provide technical support for instructors and students regarding lab use and equipment. Aid students with learning exercises and coursework, such as application or programming language-specific help. Which includes the use of the back-end platform NodeJS, and the libraries D3.js and jQuery.

DIGITAL MEDIA INTERN: HARVESTWORKS (New York, NY), 2016 – 2017

Aided artists in developing show-reel footage. Readied art space for exhibitions and events. Provided technical support regarding networking and data storage. Instructed clients on specific video applications such as Final Cut Pro, Adobe Premiere and After Effects.

ENGAGE LIFE INSTRUCTOR: ATRIA SENIOR LIVING (New York, NY), 2016 – 2017

Lead Engage Life programs. Assisted in developing programs for residents. Offered diversified recreational activities with supervision. Maintained records of activities and resident participation. Enlisted the services of volunteers to aid activities program.

EDUCATION **BACHELOR OF TECHNOLOGY:** New York City College of Technology Summa Cum Laude 3.8/4.0 GPA.

ASSOCIATE IN APPLIED SCIENCE: Bronx Community College 3.4/4.0 GPA.

PROJECTS **EX:** Web application written in React and D3.js using accelerometer and gyroscope data to record gestures that prompt responses from the application.

GRAVESENDS EYE: A prototypical display system that works in conjunction with existing surveillance system to provide support for events. Developed on Max/MSP.

AWARDS /ACTIVITIES Made in New York Scholarship, Academic Excellence Award, Deans list (x4), Harvey L. Bass Memorial Award, NYCCT Spring Show, BCC Student Art Show 2011 & 2012. Mentorship Program at BCC.

SKILLS **TECHNICAL:** Java, JavaScript, HTML, CSS, SASS (Foundation/Bootstrap), Git, NodeJS, FireBase, MongoDB, Python, AWS, Restful Web Services, Bash, Heroku, PHP, ReactJS, Redux, Vue.js, React-Native, jQuery, D3.js, Unit-Testing: Karma, Jasmine, Mocha.

APPLICATIONS: Adobe Suite, Max/MSP, Linux, Mac OSX, Windows, Unity, Android Studio