

# Erick Martinez Jr.

Bronx, NY | [www.github.com/E-Rick](https://www.github.com/E-Rick) | [erickmartinezjunior@gmail.com](mailto:erickmartinezjunior@gmail.com)

## EDUCATION

### Binghamton University, State University of New York

*Bachelor of Arts in Mathematics and Minor in Computer Science*

Binghamton, NY

Graduated 8/2018

- Chi Alpha Epsilon (XAE) Academic Honors Society and Dean's List recipient 2 semesters
- **Relevant Coursework:** Program Design Patterns, Design and Analysis of Algorithms, Data Structures and Algorithms, Computer Systems, Programming Concepts and Applications, GUI and Windows Programming, Programming with Objects, Automata Theory, Graphic Design

## TECHNICAL SKILLS

- **Languages:** JavaScript ES5+, Java, HTML5, CSS3, SCSS, SASS, C++, Python, C, Ruby
- **Frameworks/Technologies:** NodeJS, MongoDB, Mongoose, jQuery, ExpressJS, Bootstrap 4, EJS
- **Design Tools:** Adobe XD CC, Adobe Illustrator 2019, Adobe Photoshop 2018, Prototyping
- **Developer Tools:** Visual Studio Code, Postman, Git, GitHub, Trello, Locus, Webpack, Babel
- **Operating Systems:** Windows, Mac, Linux

## PROJECTS (Source code available on GitHub)

### Roomly (MongoDB, ExpressJS, NodeJS) | [www.roomly.live](http://www.roomly.live)

Bronx, NY

*Full Stack Developer/Designer*

1/2019 – Present

- Created and deployed a full stack hotel/room listing web application with Heroku.
- Leveraged branding experience to create logos using Illustrator, mobile and web mockups using Adobe XD, and engineer a mobile friendly responsive front-end utilizing Bootstrap 4 and EJS.
- Developed direct experience in proper RESTful routing, and in NoSQL technology like MongoDB (schema modelling, CRUD operations, indexing, and cluster deployment and management with MongoDB Atlas) using Mongoose.
- Integrated user authentication and authorization strategies with PassportJS.
- Migrated initial front-end framework from Bootstrap 3 to Bootstrap 4 and upgraded JS ES5 code base and callbacks to employ modern JavaScript ES6 practices for cleaner code base.
- responsiveness.

### SNKRS (MongoDB, ExpressJS, NodeJS)

Bronx, NY

*Full Stack Developer*

3/2019 – Present

- Created a RESTful sneaker marketplace web app inspired by Craigslist.
- Implemented multiple user image upload and CRUD capabilities using the Cloudinary API and Multer Express middleware.
- Integrated geolocation and cluster maps to display listing locations utilizing the Mapbox API.
- Added a password reset feature that utilizes emails for verification using the SendGrid API.

### Pytris (Python, Pygame)

Binghamton, NY

*Python Developer*

11/2017 – 12/2017

- Created a clone of the popular puzzle game Tetris using the Open Source Python game library Pygame and included a 2D 3 lane car dodging game within the GUI called Road Rage.

## LEADERSHIP EXPERIENCE

### S.H.I.N.E. (Service for Health, Inequality Reduction, Natural Disaster Relief, and Education)

Binghamton, NY

*Founder/Treasurer*

8/2014 – 5/2016

Founded a non-profit student-run organization, with 6 other students and grew to 400+ members, focused on tackling trending issues through awareness, volunteer opportunities, fundraising, and general body meetings.

- Created logos, flyers, advertisements, and merchandise designs in Adobe Illustrator/Photoshop.
- Monitored, recorded, and reported on the org's income, expenditures, and budget on a weekly basis during e-board meetings. Brainstormed annual org events to successfully fundraise \$2k scholarships for at risk high school students.