

# Thomas D'Ascoli

tommy.dascoli1217@gmail.com | 973-919-3738 | [linkedin.com/in/tommydascoli](https://www.linkedin.com/in/tommydascoli) | [dascolt1.github.io](https://dascolt1.github.io)

## SKILLS

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### WEB DEVELOPMENT

JavaScript, Typescript, React, Node/Express, Webpack, Redux, Xstate, HTML5, CSS3, Bootstrap

### PROGRAMMING

Java, Python, React Native, Git, GitHub, Jenkins

### DATABASES

mySQL, postgreSQL, mongoDB, Sequelize, Mongoose

## EDUCATION

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### The College of New Jersey

B.A Criminology, Russian

Ewing, NJ

August 2017-May 2021

### Steven's Institute of Technology

M.S. Computer Science

Hoboken, NJ

September 2021-May 2023

## PROFESSIONAL EXPERIENCE

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### Cigna

#### Front End Engineer

Morris Plains, NJ

January 2022- Present

- Develop frontend architecture using React, TypeScript, Redux and Xstate according to business stakeholder specifications
- Work alongside backend developers to ensure data is optimally connected to the frontend
- Refactor legacy code in order to incorporate modern React technologies such as hooks and the context API
- Conduct code reviews for junior members of the team and solely manage production releases

### Institute of Electrical and Electronics Engineers

#### Web Developer

Piscataway, NJ

March 2021- December 2021

- Enhanced User Experience on the company's main site by coding custom components using JavaScript.
- Rebuilt an internal company site using React to increase page performance and reusability of internal components.
- Boosted the site's SEO score by minifying javascript files in the production environment.

## PROJECTS

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### Connect Pi

September 2020 - December 2020

Full Stack application written using HTML, CSS, Bootstrap and Handelbars.JS with a Node.JS backend and mongoDB for the database. I was contracted by my undergraduate fraternity to build an application that would act as an in-house networking platform where active brothers and alumni could find mentors or like-minded individuals depending on certain criteria such as city or major. This project taught me a lot about OAuth 2.0 standards as well as passport.JS.

View Project here <https://connect-pi.herokuapp.com/login>

### Connected

April 2017 - October 2018

Full Stack hobby based matchmaking React Native app. I was given an opportunity to learn full stack development alongside my cousin. Up until this point I had only been working on static HTML, CSS and JavaScript websites as a freelancer, this project allowed me to get familiar with Node.JS and MongoDB, as well as postgreSQL.

View Project here <https://dascolt1.github.io/assets/connected.mov>

View more on my website <https://dascolt1.github.io>