

Ketti Barateli

PORTFOLIO

www.kbarateli.com

EDUCATION

CUNY Hunter College - BA in Psychology Cum Laude Departmental Honors

Grace Hopper at Fullstack Academy - 2017

ACADEMIC RECOGNITIONS

Dean's List | Hunter College (2011-2014)

Excellence in History, Philosophy and Political Science Award (2013)

TECHNICAL SKILLS

Proficient: Javascript, Node.js, Express, React, Redux, PostgreSQL, Sequelize, Git, HTML, CSS, Firebase

Knowledgeable: JQuery, Heroku, React-Native, Xcode, Expo, Chai, Mocha, SQL, Sketch, Photoshop, Saas

Some Experience: webSockets, Python, C++

PROJECTS

BookApp: Software Engineer | <https://github.com/ketevann/bookapp> (January 2018)

- MVP, UI, user input/data rendering, React Native Animated API, Authentication, Firebase Database (REST), React-redux state managing, API requests and response handling (TasteDive/Google Books), debugging.
- Book recommendation app.

Mercury: Software Engineer | <https://app-mercury.herokuapp.com> | <https://github.com/ketevann/mercury> (October 2017)

- Authenticated users, created backend/frontend routes, UI, visualized data (budget, and transactions comparison).
- Used Express, React-Redux, Javascript, Plaid Api, Giphy Api, Nodemailer, Auth, Passport, PostgreSQL, Sequelize, Mocha chai.
- Personal budget manager.

TeaCup: Software Engineer | <https://tea-cup.herokuapp.com> | <https://github.com/Ketevann/GraceShopper> (September 2017)

- Web responsive design, product display, product search, shopping cart, user authentication, admin capacities for updating user info and products, RESTful API, React-Redux, Auth, passport, express, Postgresql, Sequelize.
- E-commerce site.

PROFESSIONAL EXPERIENCE

SUNY Downstate Medical Center | Research Assistant (May 2016 - June 2017)

- Ran electroencephalogram (EEG) tests on participants to collect, clean, and store brainwave data.
- Used visual artifact detection, extracted P3 and N1 components of event-related potentials.
- Reviewed EEG data from multiple sites and entered relevant recordings into database server.
- Interviewed 20 participants per week about their history of substance abuse and life experiences.

CUNY Hunter College | Research Assistant (May 2014 - April 2016)

- Measured length of neuron branches using Spot Advanced microscope imaging software.
- Quantified spine density on neuron samples between different animal models.
- Conducted behavioral assays for learning, memory and anxiety in animal model subjects.

PUBLICATIONS | Second Author Contributions

- Gonadal Hormones Rapidly Enhance Spatial Recognition Memory and Increase Dendritic Spine Density in the Male Rat Hippocampus Article in Journal of Endocrinology April 2016.
- Sex differences in effects of environmental enrichment during adolescence on anxiety, cognition and dendritic spine density manuscript under review.

CONTACT

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