Andrew C. Apicello

Email: Andrew.Apicello@gmail.com | **Phone:**732-615-7768 | Portfolio | LinkedIn | GitHub

Technical Skills

Front End: HTML5, CSS (Flexbox, Grid CSS), Bootstrap, JavaScript ES5/6/7, jQuery, AJAX, REST API's, and React

Server: MVC, Node.js (Express, Sequelize, HandleBars, Body-Parser Axios, Cheerio),

Asynchronous methods: Callbacks, Promises, Async/Await; *Design Patterns*: constructor, prototype, reveal

Database: MySQL, Mongo, Firebase **ORM:** Sequelize, Mongoose **Utilities:** Git Bash, GitHub, Npm, Yarn, Heroku

Education

The University of Virginia, Master's in Physical Chemistry **May 2016**

Investigated the major protein machinery involved in neurotransmitter release. Conducted both computational and physical experiments to elucidate the mechanism of their interaction with the presynaptic membranes of neurons.

The College of New Jersey, Bachelor's in Chemistry, ACS Certified Research **December 2013**

Work Experience

Medallia, Implementations Analyst **February – September 2017**

- Implemented enterprise level software for Fortune 500 clients
- Worked on a project team using HTML, CSS, and Javascript to configure a customized SaaS platform
- Traveled to client headquarters to give product demonstrations and industry best practice presentations

The Dedham Group, Intern **September – December 2016**

- Identified the leading drivers of oncological drug prescriptions through interviews and surveys
- Developed new metrics of investigation to measure clients' internal customer service efficiency

University of Pennsylvania, Scholar **January – June 2014**

- Characterized the I-Bar protein interaction with membranes using confocal microscopy and Mathematica
- Revised journal articles, grant applications, and manuscripts for the lab before final submission

The College of New Jersey, Mentored Biophysical Researcher **June 2012 – May 2013**

- Built a spectroscopic instrument from scratch to measure the thermodynamic landscape of protein folding
- Programmed statistical analyses to enable single molecule detection capability

Activities

Graduate Student Consulting and Beyond Club at UVa, Vice President **May 2015 – May 2016**

- Orchestrated case interview training modules, and networked with consulting representatives for funding

Melodies for Memories, Co-Founder **February 2015 – Present**

- Promoted basic research to cure Alzheimer's Disease, reaching over twenty thousand people worldwide