

Philip Clement

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EDUCATION

Northwestern University

Expected Graduation: June 2021

B.S. Computer Science

- **GPA:** 3.76/4.00
- **Relevant Coursework:** Agile Mobile/Web Development, Data Structures and Algorithms, Introduction to AI, Computer Systems, Discrete Mathematics

PROJECTS

OneHouse: *Collaborative Project*

Jan 2019 – Present

- Created a shared shopping list web and mobile application with support for receipt scanning and integrated user charging via Venmo API.
- Built an adaptive frontend interface, including controlled forms, using React Native and RBX component library
- Handled sensitive user profile and shopping list data via OAuth for login and Google Firebase for storage.

Bubble Calendar: *Individual Project*

Oct 2019 – Dec 2019

- Created a fully featured calendar application with custom event types, multiple view panes, and automated email reminders using the Twilio SendGrid API.
- Built RESTful APIs to handle client JSON requests using a Node.js Express server hosted with Heroku cloud compute.
- Stored user profiles and data on a NoSQL MongoDB Atlas cluster accessed via the JavaScript Fetch API.
- Secured client-server communication with JSON authentication tokens stored through browser cookies.
- <https://clement-task-manager-app.herokuapp.com/>

Weather-App: *Individual Project*

Aug 2019 – Oct 2019

- Provided real-time location-based weather data to users using DarkSky and MapBox API.
- <https://clement-weather-app.herokuapp.com/>

SKILLS

- **Front-end:** JavaScript, React.js, HTML5, CSS3
- **Back-end:** Node.js, NoSQL MongoDB, Heroku Cloud, Fetch and REST APIs, JSON
- **Language Proficiency:** C, C++, MATLAB, Python

LEADERSHIP

- President of Gamma Beta Chapter of Sigma Nu Fraternity at Northwestern (2020-2021)
- Founded and managed High School Student Investment Group (2016-2018) - Oversaw 100+ students in investing a \$20,000 real-money portfolio yielding a positive alpha of 8%
- Speech and Debate (2014-2018) – Five-time national finalist and team captain
- Boy Scouts of America – Eagle Award – March 2016