

# Joel Mounts

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**Frameworks:** React, Flask, Wordpress **Languages:** Javascript/TS, Python, HTML/CSS

**Tools:** Git, SQL, Firebase, Heroku, APIs, Visual Studio, Axios, Webflow, Office

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## EDUCATION

Coding Temple – Full-Stack Web Dev – 2022 | Grand Valley State University, Biopsych + Premed, 2013

### Selected Programming Projects – see [Github](#) for more

**React & Public APIs** –all tested & deployed– 2021-2022

*Technologies:* React 18, Firebase 9, Toastify, Material UI, Bootstrap, custom html/CSS, Lottie loader, Heroku

- **Historical Events**–(education)- Multi-page web app to display historical events on today's date, including locked features– uses 2 Wikipedia APIs (official & scraped), Axios, complex JSON parsing

- **Pet Owners**–(entertainment)- Dynamic web app to serve dummy data on cats and their owners. Uses Lottie: or 10x faster and 6x space-saving vs. GIFs. 3 APIs: i. Pet pictures ii. Muffinlabs for census data iii. RandomUser API

- **React News**–(news)- Searchable news portal using GNews API. Warning: rate-limited API (100 calls/day)

- **Portfolio**- (personal) – Modern single-page React web app using email-js, swiper and custom CSS

- **IP Dashboard** - (cyber) - Security tool to display transparent information based on unsecured address, including IP, GPS coordinates, map, User Agent info (browser, OS) and IP search (demo on request)

### Selected Professional Experience

**That API Company – Web Developer** - 4/2022 - Present

- Create demo apps & tutorials for public APIs for one of the largest API dev companies in the tech-ed space

**Debatetrack – Product Designer & Operator** - 3/2019 - Present

- Not-for-profit educational resource LLC for middle/highschool debaters in the US
- Email list management: from 0-3000 in a ~9000-customer niche, including a 10% conversion on sales
- Run successful social media campaigns via Youtube and Instagram to grow brand to the #1 brand in niche

**Asian Debate League - Debate Coach** - 09/2016 - 08/2021 – Taipei, Taiwan

- Maintained the highest customer satisfaction & student retention rate in company history with VIP clients
- Developed debate topic materials including presentations, evidence and gamified quizzes each month for use across company – monthly novel topics including AI, blockchain, NATO, nuclear, NSA, Space Force, etc.

**New Oriental - English Teacher** -04/2015 - 05/2016 – Guangzhou, CN

- Developed protocols at a new branch of China's largest educational company; taught classes of 1-60 students

**Peer Research Consultant, Campus Library, GVSU** - 2012-2013 – Allendale, MI

- Consulted one-on-one with graduate and undergraduate students to help build skills of finding and evaluating academic resources and integrating research into papers – 100% rated 'confidence boosting' & 'very comfortable'

**Research Assistant, University of Arkansas -Chem Engineering, Hestekin Lab** - 2012 – Fayetteville, AR

- Researched, designed and executed a study in fabricating a polymer membrane for 2nd-gen biofuels

**Research Assistant, GVSU Psychology Department, Dr. J. Maouene Lab** - 2010-2012 - Allendale, MI

- Created, contributed to or carried out four studies—two relating to emotional affect & verbs in developmental linguistics, and two pilot studies relating i) verbs to semantic memory and ii) nouns to spacial memory

**Resident Assistant, Grand Valley State University - Honors College** - 2010-2013 – Allendale, MI

- First point of contact for ~800 students for socio-emotional, academic, logistic and physical safety needs
- 2011-12: RA of the Year, selected from the 300+ staff