

# JORDAN SANZ

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## EDUCATION

**Dartmouth College**, Hanover, NH **Jun. 2022**  
*Bachelor of Arts in Computer Science and Quantitative Social Science* **GPA 3.72/4.0**  
Key Coursework: *Full-Stack Web Development, Software Design/Implementation, Algorithms, Smartphone Programming*  
Awards: *Academic Excellence Citation in COSC 52: Full-Stack Web Development, COSC 10: Object-Oriented Programming*

## TECHNICAL COMPETENCIES

**Languages/Technologies:** TypeScript, JavaScript, Express.js, React, Vite, Stencil.js, Python, React Native, HTML/CSS, Node.js  
**Skills:** Web Development, Web Components, Software Architecture, Artificial Intelligence, Machine Learning, Scrum

## RELEVANT WORK

**Esri**, Washington, DC **Jul. 2022 – Present**

*Full-Stack Software Engineer II (Sept. 2023-Present)*

*Full-Stack Software Engineer I (Jul.2022 - Sept.2023)*

- Solely architected and implemented a widely used layout card component used throughout products within the company
- Constructed custom analytics plugins in Google, Adobe, and Siteimprove analytics for customer usage on sites
- Lead a team of 7 as Scrum Master, immediately leading 7 consecutive passing sprints

**Visa**, Austin, TX

**Jun. 2021 – Sep. 2021**

*Full-Stack Software Developer Intern for Digital Developer Platform Team*

- Developed notification service for case management platform with a React-TypeScript front-end and Spring back-end
- Implemented 17 notification use cases, as well as the notification UI, SQL database, and REST API queries
- Refined designs and code structures through weekly meetings, offering input within an Agile environment

**UBDI**, Pasadena, CA

**Aug. 2020 – Nov. 2020**

*React.js Web Development Intern for market research company*

- Developed React.js web app that monetizes user data by building components and creating queries with GraphQL
- Designed React.js components that visualized a user's data through exciting graphics made with SCSS and Tableau

## HACKATHONS AND PROJECTS

**Warbler**, Hanover, NH

**Aug. 2020 – Sept. 2022**

*Lead Full-Stack Developer for music education project*

- Coded React web app for early-stage startup featuring gamified music education exercises like pitch and rhythm detection
- Led team of 5 to design and develop in Agile environment, utilizing sprints to refine and integrate music gamification
- Managed MongoDB database, writing REST API queries to create, update, and get lessons, exercises, and user data

**Giftn** – *Web app simplifying holiday shopping during COVID-19 – Front-End Developer*

**Dec. 2020**

- Developed front-end UI with React that stores a user's budget, gift expenses, wish lists, and package tracking numbers
- In 36 hours, styled and implemented 4 customer-facing pages, 8 modals and connected Google OAuth and Firestore
- Won Best Overall at the MLH Winter Hacklympics Hackathon and Best Financial Hack at the HackUMass Hackathon

**EcoConscious Tech** – *Web app tracking users' green website usage – Front End Developer*

**Nov. 2020**

- Implemented front-end by building client-facing pages that track and visualize sustainability metrics with React and Redux
- In 30 hours, constructed a responsive-design web app with user authentication, animations, and horizontal-scrolling pages
- Won 2<sup>nd</sup> Best Environmental & Energy Hack and Wolfram Prize at the Duke University Hackathon out of 498 participants

**SmartVote** – *Web app helping voters make informed decisions about local voting*

**Oct. 2020**

- Built React web app to find local election candidates and compare user and candidate morals using IBM Watson analysis
- In 36 hours, created the front-end by implementing 5 new Google APIs such as Google Places and Google Geolocation
- Won Best Overall and IBM API prizes at the IvyHacks Ivy League Hackathon out of 671 participants

## PUBLICATIONS, AWARDS, AND OTHER EXPERIENCE

**"From measures to action: can integrating quality measures..."**, BMJ Health & Care Informatics **Jun. 30, 2023**

**Dartmouth College:** *Teaching Assistant: Web Programming Fundamentals; Full-Stack Web Development* **Jun. 2020 – Jun. 2022**

**Sigma Nu Fraternity:** *President (Mar. 2021 – Present); Rush Chair; Judicial Board Head (2020 – 2021)* **Sep. 2019 – Jun. 2022**

**Dartmouth College Writing Center:** *Head of Education and Outreach (Summer 2020); Writing Tutor* **Sep. 2019 – Jun. 2022**

**Dartmouth Dodecaphonics A Cappella:** *Business Manager (Dec. 2019 – Mar. 2021); Beatboxer* **Sep. 2018 – Jun. 2022**

**Dartmouth College, Dept. of Computer Science:** *Research Assistant analyzing healthcare statistics* **Jun. 2020 – Jun. 2022**

**Dartmouth College, Residential Services:** *Undergraduate Advisor for first-year students* **Sept. 2019 – Jun. 2020**

**Trinity School of Midland:** *Valedictorian, National Merit Scholar* **May. 2018**