

Andre Michalowski

Software Engineer

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Skills

Front-end:

JS: React (CRA, Next.js)
CSS: Less, Sass, AntD, Styled Components,
Material Design, Reactstrap/Bootstrap,
Semantic UI

Back-end:

JS: Node.js, Express, Strapi
DB: Postgres, MySQL, SQLServer, MongoDB
Misc: Cypress, Jest, Python,
REST, JSON Web Tokens, OAuth

Other:

Redux, Context API,
Heroku, Vercel, Netlify
Responsive Design,
Accessibility, Linux, Git, HTML

Professional Experience

Freelance Web Developer, *Iconic Web Studios*

05/2021 – present

- Build out full-stack web applications for marketing or e-commerce
- Manage all aspects of projects including: communication with stakeholders, project planning, and front and back-end development
- Lead regular meetings with clients and investors

Web Developer, *Quack Academy*

01/2021 – present

- Assisting in the planning and construction of curriculum for online web bootcamp QuackAcademy.com
- Creating content and conducting market research for future articles and instructional how-to guides
- Video editing, motion graphics, and visual design for tutorial videos

Front-end Developer, *Human Rights First*

01/2021 – 02/2021

- Collaborated with a team of 15+ people to build an app that enables attorneys and their staff to upload, view, and sort various court case documents. Assisted stakeholder and attorneys to design and produce a product to satisfy the needs of target users
- Built functionality involved in the uploading, sorting, and management of case data and connecting to predictive AI functionality that calculates how a judge might rule on a specific case (JS/React/FastAPI/AntD)

Projects

Music Events Page, *An events page built to display upcoming events for local music in Lynn Massachusetts*

- Used Next.js and server side rendering to improve site performance and SEO
- Enable client side image uploading and dynamic image rendering using Cloudinary
- Implemented several UX functions including: pagination, event searching, modals, and Toastify notifications
- Used JSON Web Tokens to authenticate users and hash passwords

Food Truck Application, *An application that connects users to food trucks and food trucks to users*

- Designed a complex relational database in Node, SQLite, Knex, and Express consisting of 40+ endpoints
- Outlined and designed the migrations and routers for the application to shape the data and handle user requests
- Built logic for beginning of location/proximity functionality
- Debugged issues with the front-end

Symfaba Web Store, *Drop-shipping business for boutique DIY electronics*

- Handled IO operations asynchronously
- Discussed particulars of brand images and designed unique logo, color pallet, text combinations, and product images
- Ensuring optimal performance of the central database and responsiveness to front-end requests for nested API's

Education

Full Stack Web-Development Certificate, *Lambda School*

03/2020 – 02/2021

- 9 month hands-on, full-stack web development and computer science program
- 2000+ hours learning HTML, CSS, JavaScript, React, Node.js, Express, SQL, automated testing, data structures and algorithms

B.S. Psychology (Pre-med/Neuroscience Track), *University of Massachusetts Amherst* Commonwealth Honors College, Cum Laude, UMass Neuroscience Club Secretary

09/2010 – 05/2014

Awards

Iron Hack UI/UX Scholarship Winner, Iron Hack (Barcelona)

04/04/2020

Primary Publisher for Harvard Medical School Department of Psychiatry Research: "White Matter Integrity of the Cingulum and Uncinate Bundle", *Poster presented at the 20th Harvard Psychiatry Annual Research Day, Sponsored by the Myself Committee, Department of Psychiatry, Harvard Medical School,*

03/28/2012

Other Relevant Experience

Instructional Designer, Bard/BD + CVS

02/2018 – 04/2019

CVS:

Developed organizational development and training solutions pertaining to national retail stores to enhance employee training initiatives.

- Develop educational content and master software such as Storyline and CVS Express (LMS) to effectively deliver technical support to internal teams.
- Corresponded with IT team to troubleshoot technical issues and collaborate across 4+ internal departments to resolve employee issues.
- Conducted testing with iPad software and CVS Express (LMS) to analyze root causes and communicate findings with Learning & Development department
- Proactively researched and analyzed emerging web-based technologies/services such as virtual reality, video, and iPad software to stay current and create more effective educational and training solutions
- Lead Project Management for one of the biggest ID rollouts for CVS's "LearnRx"

Bard/BD:

Supported Director of Sales Enablement for Professional Learning and Development, eLearning Specialist, International Training Coordinator, and Senior Regulatory Affairs Specialist to promote global medical sales training and educational curriculum.

- Used Microsoft Suite, Adobe Suite, and Articulate Storyline to edit training videos and provide technical support to 9+ sales training team members.
- Optimized cross-departmental efficiency by proactively troubleshooting Articulate Storyline system issues and communicating solutions across 5+ internal teams.
- Prevented technical issues by streamlining timelines, deliverables, and management of 25+ simultaneous projects using Zinc MAPS (digital asset management system) and researching web-based video technologies.
- Troubleshooted and revised training materials for quality assurance in collaboration with technical team and Marketing, Sales, and HR departments.

Resident Rehabilitation Assistant/Outpatient Care Case Worker,

03/2018 – 12/2018

Lifespan Outpatient Psychiatry, South Shore Mental Health (May 2013-July 2013)

- Supervised and assisted schizophrenic residents by planning activities and programs, disseminating household duties, providing transportation, preparing food, and actively coordinating caretaking with associates
- Administered medication according to MAP protocol, specific to 50+ individual residents
- Designed and facilitated an art therapy program with residents to build conversation and community

Research Assistant, L.I.P.S., Harvard P.N.L., BRoCA Lab

05/2011 – 05/2013

Conducted psychological studies by monitoring class times, scheduling tests, conducting qualification interviews, obtaining privacy/consent documentation, and providing follow-up with faculty and 50+ students to promptly resolve issues.

- Delivered technical support to faculty and patients by training use of Apple software to design and produce 26 complex speech exercise ebooks for rehabilitation patients.
- Researched and analyzed emerging web-based technologies to develop instruction manuals and update internal Wikipedia to educate future research assistants on methodologies of advanced technical programs that create and interpret data visualization.
- Utilized 4D data to generate map of neurological pathways in 100+ subjects in a schizophrenia study utilizing data visualization and technical image analysis software (Slicer 2,3) and Linux.
- Analyzed and compiled large datasets into SPSS; integrated media while verifying data quality and accuracy.