PARTH DHYANI

pdhyani@umich.edu | linkedin.com/in/parth-dhyani | pdhyani.com

EDUCATION

University of Michigan   Ann Arbor, MI
Bachelor of Science in Computer Science, Minor in German – GPA: 3.61/4.00   *Sep 2018 – Apr 2022*

Courses: Data Structures and Algorithms, Web Systems, Computer Architecture, Cybersecurity, Usability and Needs Assessment, Software Engineering, Information Retrieval, Applied Linear Algebra, Discrete Mathematics

Awards: Engineering Scholarship of Honor (2018-22), C.M. Donovan Engineering Scholarship (2020), Lipsey Multimedia Reporting Award (2020), Lipsey Multimedia Reporting Award (2021)

WORK EXPERIENCE

HubSpot   Boston, MA
Software Engineering Co-op   *Jun 2021 – Present*
- Developed the React frontend of a setup wizard to allow customers to sync data from Salesforce to custom HubSpot objects, which has been used by major companies to sync over 2 million records so far
- Created a table with React and Redux that allows customers to create, edit, and validate data mappings between HubSpot and external apps like Shopify and Quickbooks
- Migrated custom React components to Storybook, a catalogue of UI components for other developers to reference
- Implemented comprehensive React/Redux unit testing using Jasmine and Enzyme

Humana   Louisville, KY
Software Engineering Intern   *May 2020 – Aug 2020*
- Developed a full-stack web app for employees to efficiently track, request, and receive Google BigQuery datasets with a Vue frontend, Flask REST API backend, and a NoSQL Firestore database
- Deployed project to Google Cloud App Engine through Azure DevOps CI/CD pipelines with unit testing
- Implemented a secure OAuth sign-in system, automated reports, and auto-generated Azure work items
- Collaborated with a team of other interns and managers in an Agile framework and virtual environment

PROJECT EXPERIENCE

The Michigan Daily Newspaper   Ann Arbor, MI
Managing Online Editor (Lead Engineer)   *Aug 2020 – Present*
- Led the paper's 35-person software team, including data, mobile, UI/UX, and web development subteams
- Migrated our content to AWS to especially make use of S3, CloudFront, and Lambda
- Oversaw the CMS transition of our main website with over 350k monthly users from Drupal to WordPress
- Developed a mobile app with React Native and set up unit testing with Jest and linting through GitHub Actions
- Built a continuously updating election website and API using React, Python, AWS S3 and Lambda that contained The Daily's latest articles, trivia quizzes, and live results maps and charts made with D3.js

Project Manager   *Dec 2019 – Aug 2020*
- Mentored and led eight data scientists and web developers to triple the paper's interactive online content
- Created automatically updating COVID graphs for Michigan using D3.js and a Python web scraping script
- Negotiated increased investment in digital and cloud initiatives while sitting on the paper's board
- Coordinated developers from UM and OSU to create a Rivalry Game fundraising site, which raised over 20k dollars

Data Visualization Engineer   *Sep 2018 – Dec 2019*
- Gathered data for news articles on university demographics, salary, and admissions through FOIA requests
- Created interactive charts, visuals, and maps with D3.js and integrated them with The Daily's website, generating an additional 10k pageviews per article

Multidisciplinary Design Program   Ann Arbor, MI
Software Developer   *Jan 2019 – Dec 2019*
- Developed a Python Tkinter GUI that interfaces with a remote sensing C++ library for satellite data analysis
- Wrote C++ software to create tree objects and random forests and rendered them in 3D using OpenGL

SKILLS

Languages: JavaScript, C++, C, Python, R, HTML, CSS, Sass, SQLite
Frameworks: React, React Native, D3, Vue, Flask, Django, Jasmine, Jest
Cloud: AWS (S3, Lambda, EC2, CloudFront, Route59), GCP (Firestore, App Engine), Azure DevOps