Alicia Bochnak

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github.com/abochnak
aliciabochnak.com

EDUCATION

UNIVERSITY OF MASSACHUSETTS, AMHERST
BS in Informatics
Concentration in Data Science
Graduated May 2020
GPA: 3.34/4.0

COURSEWORK

Human-Computer Interaction
Software Entrepreneurship
Data Visualization
Web Programming
Digital Forensics
Data Structures
Databases

SKILLS

PROGRAMMING
Python • R • SQL • Java •
Ruby on Rails • HTML • CSS •
JavaScript • React.JS • Django

TOOLS
PyCharm • RStudio • Teradata •
MySQL • Tableau • Power BI •
Git • Axure RP • Adobe Photoshop •
Adobe XD

DATA SCIENCE PACKAGES
sentiment-R • DPlyr • R-Shiny •
ggplot2 • NumPy • SciPy • Pandas

LINKS

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EXPERIENCE

LIBERTY MUTUAL INSURANCE | TechStart Software Engineer
June 2020 - present | Boston. MA

LIBERTY MUTUAL INSURANCE | TechStart Intern
May 2019 – August 2019 | Dover, NH
- Modified existing analytics dashboard for claims management in Power BI
- Created a new Power BI dashboard which encompasses historical, individual, and overall views for claims management teams.
- Iterated on UX design for a internal IT status portal using tools
- Used Axure RP, Adobe Photoshop, and Adobe XD to create mockups and prototypes.
- Developed the status portal frontend using HTML, CSS, and Angular.

UMASS AMHERST INFORMATION TECHNOLOGY DEPARTMENT
Ruby on Rails Developer
January 2018 – May 2020 | Amherst, MA
- Developed a Ruby on Rails application for internal HR and IT management.
- Implemented functionality allowing users to make system wide announcements and alerts.
- Created an end to end system for posting open positions, acquiring candidates, scheduling interview times, and onboarding for the hiring process.

VOLUNTEER

HACKUMASS/HACKHER413 | Hackathon Technology Director
March 2018 – May 2020 | Amherst, MA
- Served as a volunteer organizer for two events with over 1,300 participants.
- Handled day of logistics for HackUMass and Hackher413.
- Administered marketing campaigns using the MailChimp API and managed social media accounts.
- Managed weekly standups for a team for eight student developers,
- Responsible for open-source technology used by multiple hackathons.

PROJECTS

CLAIMS FILING APPLICATION | Liberty Mutual Intern Hackathon
Winner of Wild Card Category
- Built a web application in 12 hours which uses a machine learning model to process insurance claims.
- Created UX mockups to simplify the process of filing a claim.
- Developed the application frontend using HTML, CSS, and React.

CAMPAIGN TWEETS DATA ANALYSIS | Data Science Coursework
- Created a dataset on the 2016 election by cleaning and filtering candidate tweets using DPlyr.
- Used sentiment analysis to compare sentiment between Donald Trump and Hillary Clinton tweets using sentiment-R package.
- Compared sentiment between Android and iPhone-sent tweets on Donald Trump's Twitter account.