

Abdurahman Sherif (Abdu)

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Education

Rutgers University, New Brunswick, NJ

Sep 2016 – Dec 2019

Bachelor's, Computer Engineering, (Minor) Computer Science, 3.2/4

- Honors: School of Engineering Dean's List Fall 2016
- Coursework: Data Structures, Design and Algorithm Analysis, Systems Programming, Database Management

Camden County College, Blackwood, NJ

Sep 2014 – May 2016

Associate's, Engineering Science, 3.7/4

- Honors: Engineering Dean's List Fall 2015, Spring 2016

Work Experience

Facebook, Menlo Park, CA

Jun 2019 – Present

Software Engineering Intern

- Redesigned front-end architecture for Ads Manager tool in a way that improves render time by 20%
- Added more features and capabilities for Ads Manager tool by building UI components in React
- Leverage Flux architecture to improve the data flow between UI and server communication

Johnson & Johnson, Providence, RI

May 2018 – Aug 2018

Data Science Intern

- Built content-based online course recommender system using R to help 2000 employees utilize resources provided by the company
- Applied machine learning to train the model, and clustering algorithm to provide personalized recommendations
- Redesigned the network analysis of e-commerce data by applying graph theory to provide useful insights
- Applied natural language processing and topic modeling to categorize audit data

Johnson & Johnson, Raritan, NJ

Jun 2017 – Dec 2017

Software Engineering Co-op

- Added custom features to team SharePoint site by applying alternative CSS and embedding JavaScript.
- Applied Tableau JavaScript API to enhance dashboard visualizations adding more capabilities to the software.
- Delivered datasets, metrics, and reports from the data warehouse to Application Services organization.

Rutgers University, New Brunswick, NJ

Feb 2017 – Jun 2019

Front End Developer / Graphic Designer

- Maintained the operation of research department's collection of websites
- Built web-based UIs using JavaScript and Bootstrap framework to enhance website responsiveness
- Designed banners and web components for the website using Adobe Photoshop

Projects

Database Project (SQL, Python, Angular.js)

- Built a relational database to store information about bars, beers, and drinkers across New Jersey.
- Built a friendly user-interface using Angular.js that allows users to query, add, remove and update the data.

Donation Bot (Node.js)

- Developed a Messenger bot that allows users to donate/send money gifts to charity organizations
- Leveraged Heroku cloud platform to test run the application

Skills

Programming Languages: Java, Python, HTML, CSS, JavaScript, Node.js, Angular.js, React, SQL, MongoDB

Development Tools: Amazon Web Services, Expo, NPM, Visual Studio Code, R Studio, GitHub, Adobe Photoshop

Achievements: MedHacks 2017 Winner, School of Engineering Scholarship, Participated in 5 Hackathons

Personal Interests: Photography, Graphic Design, Hiking, Intermural soccer