shirley kabir

girl coder

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education_

Cornell University
Engineering, Computer Science · Class of 2020
Coursework: Adv. Machine Learning for Systems, Machine Learning for Intelligent Systems, Databases, Text Mining and Literature, Artificial Intelligence, Data-Driven Web Applications, and more.
* Co-op of the Year 2019

experience_

Workday, Software Application Engineer Co-op
Spring + Summer 2019 | Pleasanton, CA
Worked on the Student team to design, develop, and test Recruiting and Admissions features. Debugged code to push features into preview/prod and helped interns with their projects and training.
* Engineer of the Month, July 2019

OPIS, Software Development Intern
Summer 2018 | Gaithersburg, MD
Developed two web applications that mapped gas stations by zipcode/point of interest using Aurelia and .NET Core frameworks in an agile environment. Presented to the CEO about introducing a data lake in order to discover new relationships using Machine Learning.

SC3, Software Development & Engineering Intern
Summer 2017 | Alexandria, VA
Worked as a full-stack developer to create a new and efficient onboarding platform. Assessed the risks of development and researched extensively on security solutions and an optimal hashing algorithm.
* Nominated for GDIT Award

Puppet Plant, Front-End Developer
Summer 2017 | Ithaca, NY
Designed and developed their new, responsive website and an iOS application.

involvement_

Teaching Assistant - INFO 1300
Responsible for attending grading sessions, organizing discussions, and holding office hours.
Cornell University Unmanned Air Systems, Design & Operations Lead
CUAir is a project team that designs, builds, and tests autonomous air vehicles. Created their responsive, and data-driven underline website and increased social media and community presence. Currently leading DesOps which works at the intersection of technology, design, and business, like a start-up.
Women in Computing at Cornell, Board Member
Currently social co-director; previously an advisor and secretary. Pitched and automated the event planning form which is for all events organized by WICC by developing an extensive Google Apps Script over the winter.

projects_

likely desirable. Student hackathon project that used ML algorithms to map likelihood of acceptance vs desirability criteria of a given applicant in order to generate a targeted cohort.
music tastify. Predicts a Spotify user's most played/preferred music genre(s)
serene. A mental health awareness bot to converse with that will appropriately responds, pre-diagnoses, suggests playlists/songs, and locates the right professionals.
travelNode. A web app that allows you to enter several destinations and returns the optimal route to reach all of those places in the shortest amount of time, and total cost of travel with an Uber.
cmsx. Redesign the site for new ui, restructuring data integration, and improving legacy code.
inVenture+. Web service that implements ML algorithms to pair up venture capitalists w/ entrepreneurs.

skills_

languages. java . python . ocaml . c . c# . swift . sql . javascript . html . css . d3 . visual basic
frameworks. node.js . flask . django . aurelia . .net core . reactjs . angular . ssms. tensorflow
git . ui/ux design . adobe creative suite . ssl . sdlc . data structures . machine learning . databases