LAUREN DENAUT

CONTACT

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SKILLS

PROFICIENT IN:
Python • C++ • HTML/CSS
BASIC KNOWLEDGE OF:
JavaScript • PHP • Racket • MATLAB

COURSES

Design & Analysis of Algorithms • Software Project Management & Development • Machine Learning • Artificial Intelligence • Human Computer Interaction • Computer Graphics • Data Structures & Data Management

PROJECTS

PICKUP MOBILE APP
(March-June 2015)
- Created a mobile app using PhoneGap and a Parse backend that allows Northwestern students to find and organize pickup athletic games across campus
- Utilized the Agile methodology; developed functionality to view game details and join a game

BELLA
(January-March 2015)
- Used HCI principles to design and test the user interface of a mobile app that allows students to place, pick-up, and pay for drink orders at bars

MYSTERY TACKLE BOX WEB APP
(March-June 2015)
- Created a web app for Mystery Tackle Box, a company that provides custom monthly fishing supplies, using HTML/CSS/JS and a Parse backend
- Utilized the Agile methodology; developed ability to dynamically change item quantities and add new supply categories

CHEAPTIX
(March-June 2015)
- Implemented 10 Nearest Neighbor, using Python and Weka, to predict whether the price of a concert ticket would go up or down over the next two days based on previous concert data
- Performed 10 fold cross validation for our evaluation

EDUCATION

NORTHWESTERN UNIVERSITY
June 2016
Evanston, Illinois

McCormick School of Engineering and Applied Science
Bachelor of Science in Computer Science
- Computer Science GPA: 3.85/4.0
- Minor: Economics

EXPERIENCE

EXTOLE INC, *SOFTWARE ENGINEERING INTERN*
June - Sept 2015
San Francisco, CA
- Progammed on both the server and client sides of the comapny's referral marketing platform
- Created an API for clients to block and unblock referral advocates from receiving rewards
- Created several internal tools, using HTML, JavaScript and PHP; for example, made a web app where multiple promo links can be created/updated at once via file upload
- Prototyped an interface specific to mobile devices with SMS capabilities for referral advocate sharing using JavaScript and HTML

PYMETRICS, *STUDENT AMBASSADOR*
Sept 2014 - June 2015
Evanston, IL
- Promoted Pymetrics startup using neuroscience games to evaluate candidates' cognitive and socio-emotional traits, matching them with careers
- Met weekly with Pymetrics' Head of Marketing to discuss branding strategy at Northwestern

HENKEL SEARCH PARTNERS, *INTERN*
July- August 2012
New York, NY
- Organized data and important files and analyzed potential candidate resumes for a company that provides recruiting services to the alternative investment and financial advisory communities

LEADERSHIP EXPERIENCE

NORTHWESTERN STUDENT HOLDINGS, *BOXCO. CHIEF FINANCIAL OFFICER*
Oct 2012 -Dec 2014
Evanston, IL
- Supervised all financial operations including monitoring financial statements, for a student-run, storage company that generated 170K in annual revenue
- Completed traditional COO operations tasks including storage drop-off/pick-up, warehouse organization, and managing a 90 person workforce
- Increased customers by 87% from 2012 to 2013 and an additional 20% from 2013 to 2014 through finance and operations optimization

YOUTH ABOUT BUSINESS, *CHIEF FINANCIAL OFFICER*
June-July 2011
Atlanta, GA;
New York, NY
- Completed thorough analysis on companies' financial statements utilizing annual reports and 10-K's; created a pro-forma and a discounted cash flow analysis
- Won regional competition after debating and completing a hypothetical merger/acquisition with another team/company
- Wrote a hypothetical Shareholders' Report for the company after the merger/aquisition