Beatrix "Betsy" Carroll

Address: 308 Eckford St, Apt 1A, Brooklyn NY, 11222 Phone: (917) 561-8592 Email: beatrixcarroll@gmail.com
Personal Site: www.betsycarroll.com Github: https://github.com/beatrixbetsycarroll BitBucket: https://bitbucket.org/BetsyCarroll/

EDUCATION

Columbia University in the City of New York, Fu Foundation School of Engineering & Applied Sciences (2018)
Masters of Science, Computer Science (Machine Learning Track)
Columbia University in the City of New York, School of Professional Studies (2015-2016)
Postbaccalaureate Studies of Computer Science
Columbia University in the City of New York, Columbia College (2007-2011)
B.A., Architecture and Mathematics

SKILLS

Deep Learning • Machine Learning • Natural Language Processing • Social Networks / Graph Theory • Mobile Robotics • Web Development • Databases • Agile Project Management
Python • Tensorflow • Keras • Pytorch • C • C++ • Java • Javascript • React.js • Redux • D3.js • Ruby • Ruby on Rails • HTML • CSS • Vertica • SQL • Tableau • Excel • MS Office Suite • Rhinoceros 3D • Adobe Suite

EXPERIENCE

John Done AI, New York, NY   5/2018 – 9/2018
Voice-activated virtual personal assistant designed for business calls.

Cofounder
- Helped conceive, build, and bring to market a conversational AI product, using natural language processing, automatic speech recognition, and text-to-speech.
- Technologies included Elixir/Phoenix, Javascript (and React.js and Redux), and Google Cloud Platform

Intent Media, New York, NY   10/2011 – 10/2015
Online advertising solutions for the travel industry

Software Engineer   1/2015 – 10/2015
TechOps Team
- Worked within a team of engineers to develop production quality tools for internal usage amongst all the software engineers
- Refactored existing messy code to be more objected-oriented and scalable
- Owned and added features to a Ruby on Rails application in which all employees could manage their database accounts, all admins could control permission levels on various internal tools, and software engineers could run releases and view information about ongoing and past releases
Advertiser Squad
- Created features in the extranet, the client facing site on which publishers and advertisers manage their accounts (Ruby, Javascript)
- Implemented the ad auction functionality that corresponded with the features I created in the extranet (Java)
- Wrote tests for all new features added, and made sure all existing tests still pass after adding each small incremental change

Quality Assurance Engineer   1/2013 – 10/2014
- Transitioned to QA from non-tech data analysis role after taking an interest and acting on it
- Successfully onboarded and become a valuable team member in a short period of time
- Conducted a variety of testing techniques including manual functional testing, regression testing, system integration testing, cross browser testing, and non-functional testing
- Designed efficient and thorough test plans to provide accurate and reliable analysis to optimize test coverage

Business Analyst   10/2011 – 12/2012
- Created data visualizations and analyses that convey a compelling story in order to convince our clients of how to best manage their accounts and adjust their spend

- Onboarded with no prior Excel, mySQL, Tableau or TreeMaps experience and became very skilled at all through self-teaching
- Discovered passion for technology and how things work on the engineering team through being exposed to and fascinated by their extensive data collection and architecture

INTERESTS

Stand Up Comic - videos here
- Perform regularly at several venues around the city, including Caroline's on Broadway, Dangerfield's, Eastville Comedy Club, The People's Improv Theater, Gotham Comedy Club, West Village Comedy Club, Broadway Comedy Club, and the Metropolitan Room
- Have been in shows with many greats such as Jim Gaffigan, Todd Barry, and Janeane Garofalo

Painter - artwork here
- Completed over 25 commissioned dog portraits for satisfied customers

Feminist
- Founded feminist group at former company, Intent Media, and organized and curated monthly meetings
- Led discussions of current events, found and hosted speakers, organized workshops according to the women's needs
- Created a culture of safety and community amongst the women, who were strongly outnumbered and spread out