

ANNA BREZHNEVA

ANNABREZHNEVA@ICLOUD.COM | 513-593-1453 | U.S. CITIZEN

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, STANFORD UNIVERSITY
Concentration in Biocomputation

SEPT 2011- JUNE 2015

EXPERIENCE

PRODUCT MANAGER, INTUIT, MOUNTAIN VIEW, CA

AUG 2015-PRESENT

- Led the U.S. launch of a new payment on-boarding flow for QB Payments that affects thousands of weekly customers resulting in higher auto-approvals and faster user base growth.
- Led initiative to include challenge questions into the application flow reducing fraud loss.
- Developed both local and global strategy for the payments team with cross-functional corporate strategy & development effort.

PROGRAM MANAGER INTERN, MICROSOFT, BELLEVUE, WA

JUNE 2014-SEPT 2014

- Led the cross-functional work required for Microsoft Dynamics AX to integrate with Office 365 tools in order to enhance the existing resource management application for consulting firms.

MENTOR, BREAKOUT MENTORS, STANFORD, CA

APRIL 2014-JUNE 2015

- Tutored three girls in ages 11-13 in computer science principles by utilizing Scratch software.
- Created 15 various games including smart tic-tac-toe, frogger, flappybird, and more using Scratch in order to explain data structures, variables, loops, and other introductory computer science principles.

EXPLORER INTERN, MICROSOFT, BELLEVUE, WA

JUNE 2013-SEPT 2013

- Delivered a working prototype of a reimagined resource management application using Javascript, HTML, and CSS with two other explorer interns.

SOFTWARE ENGINEERING INTERN, TRIP ADVISOR, PALO ALTO, CA

JUNE 2012-SEPT 2012

- Developed a new feature within the current Trip Advisor mobile Android app that leveraged geolocation to deliver wikipedia content to tourists viewing an attraction.
- Architected scraping engines in Python that would interface with the Java runtime.

PROJECTS

TWEET BOARD

- Co-developed Tweet Board, a sentiment analysis tool to better understand political tweets by leveraging sentiment analysis libraries as well as powerful javascript visualizations.
- Developed the visualization experience leveraging D3 JS by interfacing with the Twitter API.

AUTOMATED CROSSWORD SOLVER

- Co-developed CrosswordSolver, an AI tool that would automate solving crossword puzzles.
- Implemented the Constraint Satisfaction Problem solver: setting up constraints by translating rules into constraints, writing the weighing function, and wrote the runtime algorithm that solves it.

SKILLS

Machine Learning: k-means clustering, logistic regression, hidden markov models, collaborative filtering, feature selection.

Algorithms: sorting, searching, and selection divide-and-conquer, DP, greedy algorithms, amortized analysis, randomization.

Design: user-centered design, rapid prototyping, cognitive principles, visual design, Photoshop.

Python and Javascript: AI + ML frameworks, visualizations, D3, scripting, AJAX.

Ruby on Rails: models, controllers, views.

C: pointers, heap allocation, stack layout, GDB, Valgrind.

Other Languages: Java, C++, HTML, CSS.

Other skills: JIRA, Agile Product Management.

Spoken languages: English, Russian, some Spanish.