

DAVID BELINSKY

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SKILLS

- Python, C++, HTML, CSS, Javascript, Transact SQL and minor experience in Java.
- Capable of formulating algorithms for solving problems.
- Software: Excel, Visual Studio, Microsoft IIS, Microsoft Sql Server
- Platforms: Windows, Linux, Android

AWARDS AND HONORS

- Winner of Best Use of IBM Cognitive & IBM Bluemix – at Bitcamp 2017
- Recipient of the John Hopkins Scholar's Scholarship
- Placed third at Hack CUNY 2016, the hackathon hosted by CUNY.
- Passed Qualifying round of Google Code Jam 2016 and 2017

WORK EXPERIENCE

ACCU REFERENCE MEDICAL LAB, LINDEN, NJ

Software Developer, Jun 2017– Present

- Established automatic flow of data from laboratory equipment into reports and central employee applications.
- Single handedly developed the company's central software, from front-end, back-end and system architecture.
- Communicated with the various branches of the company to interpret their needs from the software and integrated all departments seamlessly into a single platform.
- Developed an abstract ad-hoc reporting system that could be used to generate custom reports at will.
- Developed a tool for financial analysis which assesses the health of the company and reports sources of potential profit loss to all responsible parties to ensure the profitability of the company as a whole.
- Automated discovery and acquisition of potential accounts and created a system for sending out advertisements and announcements to accounts which could potentially use the company's services.
- Integrated available utilities from external insurance company software into the company's central platform to allow smooth workflow and increased efficiency from specimen accessioning through billing and collections.
- Developed a mobile application for Sales Representatives, Phlebotomists and other staff to use, for easy access to the system outside of the laboratory facility and network.

BORBAS PHARMACY AND SURGICAL SUPPLY INC., BROOKLYN, NY

Head of Collections, Jan 2016 – Jun 2017 / Collections Agent, Mar 2014 – Jan 2016

- Oversaw the collections procedures of the department and the health of the company through report and profit analysis.

ACADEMIC PROJECTS

- Was one of the creators and presenters of Ambrosia, an AI chatbot which can hold conversation and provide company for the lonely, while having a focus on mental health, by detecting mental illness or thoughts of suicide, to refer the user to the appropriate resources. <https://github.com/StevenZabolotny/Ambrosia>
- Was one of the two creators and presenters of Cuny Calender, the third place winning project at Hack CUNY 2016, which used screen-scraping and saved user data to automatically transfer class information from the CunyFirst website, into an easy to read and display location on the user's Google Calendar. <https://github.com/StevenZabolotny/CUNY-Calendar>
- Was one of the creators and presenters of Train Time at Hack NYU, a project which used existing historic data, and crowd-sourcing to find a solution to the problem of not knowing when a train will arrive. <https://github.com/erickolbusz/traintime>
- Created a sudoku solver which outperformed peers in benchmark tests while being capable of solving more complex puzzles than others. <https://github.com/davidbel97/Sudoku-Solver>
- Created a CLI game of chess with primary data structures being pointers, for the sake of experimenting with and understanding how they work. <https://github.com/davidbel97/Chess>

EDUCATION

HUNTER COLLEGE, NEW YORK, NY

Bachelor of Arts in Computer Science and Mathematics Candidate,

Expected graduation, May 2019

Cumulative GPA: 3.65

STUYVESANT HIGH SCHOOL, NEW YORK, NY

High School Diploma, Jun 2015

RELEVANT COURSEWORK

- CSCI: Software Analysis and Design 1, 2 and 3
- CSCI: Discrete Structures
- CSCI: Computer Architecture 1, 2 and 3
- CSCI: Operating Systems
- MATH: Calculus with Analytic Geometry 1, 2 and 3
- MATH: Matrix Algebra
- STAT: Introduction to Applied Statistics