Alexsandr Vobornov

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PROFILE

Adaptable computer scientist with professional agile development and troubleshooting experience. Active listener who has completed hundreds of hours of problem-solving challenges on the job. Eager to work with big data and peers to contribute valuable solutions to the company I work for.

EDUCATION

RUTGERS UNIVERSITY, NEW BRUNSWICK, NJ   MAY 2020

- **B.S. Computer Science**
- Data Structures | Data Science | Data Mgmt. | Internet Tech. | Algorithms
  Artificial Intelligence | Computer Architecture | Discrete Structures | Numerical Analysis

EXPERIENCE

DISPATCH CONSULTANT, RUTGERS OFFICE OF INFO. TECH; NEW BRUNSWICK, NJ   2017 – 2019

- Supervised and maintained computer labs with 100+ patrons.
- Logged complaints in a ticketing system and provided technical troubleshooting in person and over the phone.
- Certified to access sensitive user data, conduct wireless surveys, and perform repairs and virus remediation on devices through seasonal trainings.

SOFTWARE DEVELOPER, UNITEDHEALTH GROUP; BASKING RIDGE, NJ   SUMMER 2017

- Mobilized a team of 3 and third party vendor to create a rewards service for cost-saving behavior, had it scheduled for production. Estimated decreased spending of $600k per 15,000 subscribers.
- Engaged in agile sprints, knowledge transfers, code reviews, and bi-weekly "Shark Tank" themed elevator-pitch training.

SOFTWARE DEVELOPER, UNITEDHEALTH GROUP; BASKING RIDGE, NJ   SUMMER 2016

- Collaborated with a team of 10 in creating an automation tool that parses information from multiple CSV files into one CSV, reducing manual workload.
- Developed a cryptographic tool to mask/unmask protected health information in CSVs.

PROJECTS

AI FACE/DIGIT CLASSIFICATION [PYTHON]

- Artificial neural network where naïve Bayes and perceptron algorithms learn from a data set and make predictions on images of digits and faces with over 80% accuracy.

RECURSIVE DNS RESOLVER [PYTHON]

- Asynchronous system in which an authentication server runs a challenge-response protocol for multiple clients, redirecting queries to different servers that respond appropriately.

AMERICANBEAUTYSALONS.NET [JAVASCRIPT/HTML]

- Responsive website for a beauty salon. Google Analytics averages 3,000 visits per month.

SKILLS

Python	Java	JavaScript	HTML/CSS
MySQL	MongoDB	Troubleshooting/ Ticketing System	Github/Bitbucket
Photography	Algorithmic Asset Trading	Android Studio/ JavaFX	Google Analytics