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300 North College St., Northfield
MN 55057

Education

Expected in 06/2023

Carleton College: Bachelor Of Arts

Northfield, MN

- GPA: 3.75
- Major in Computer Science
- Kellogg Scholarship Recipient

06/2019

Kyiv Natural Sciences Lyceum: High School Diploma

Kyiv, Ukraine

- GPA: 10.3/12
- Top 5% of class

Accomplishments

- SCUDEM math competition -
"Outstanding" award, 2019
- Samsung IT School national
competition- **top prize**, 2017

Languages

English:



Native/ Bilingual

Russian:



Native/ Bilingual

Ukrainian:



Native/ Bilingual

Chinese (Mandarin):



Elementary

Viktor Chekhovoi

Summary

An ambitious student focused on further developing skills by learning from professionals. Background in data analytics and software design, experienced in working with teams under *Agile* and *Scrum* frameworks.

Work Experience

Caterpillar - Software Engineer Intern

06/2021 - 08/2021

- Contributed to Caterpillar's machine learning-driven application Foresight, used to predict equipment failures
- Worked with large amounts of data to simplify the process of collecting data from Caterpillar assets in the future
- Automated a complicated data formatting process using Azure pipelines, Snowflake database, and AWS Lambda & S3

Carleton College - Academic Technology Assistant

Northfield, MN

09/2019 - Current

- Worked with college professors to resolve a wide array of technical issues
- Tracked and prioritized issues with Carleton's online learning software based on severity
- Developed database software for Language Lessons - a web app for language assignments; maintained and extended the functionality of the software

Skills

- **Linux**
- **GitHub**
- **Python:** numpy, pandas, flask, Pyodide
- **Java**
- **Amazon Web Services**
- Google Cloud
- SQL
- Android app development
- Pipelines & automation

Projects

- **Contributing to Pyodide** - contributed to an open-source project, working on adding support for several packages, such as OpenCV, face-recognition, dlib
- **Unit Converter** - an Android application for converting currencies and units of measurement, published on Google Play
- **Posture Check** - detects if the user is slouching using webcam footage and Python, and reminds them to sit straight
- **Automotive Accident Analysis** - a database-driven website that lets the user analyze trends of the rates of traffic fatalities