Daniel D. Cox
SOFTWARE ENGINEER

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Objective: To obtain a cooperative education experience in the software engineering field.

Education

Rochester Institute of Technology   *Rochester, New York*
B.S. IN SOFTWARE ENGINEERING   *Sept. 2014 - PRESENT*
- Modern Language Russian Minor

Saint Petersburg State University   *Saint Petersburg, Russia*
STUDY ABROAD   *Summer 2016*

Brooklyn Technical High School   *Brooklyn, New York*
                                                                              June 2014

Experience

The State Hermitage Museum   *Saint Petersburg, Russia*
SOFTWARE ENGINEER INTERN, VOLUNTEER SERVICE   *Summer 2016*
- Took over management of benevole.ru, the volunteer service information website.
- Fixed bug where language switch would redirect to home page instead of current.
- Converted website from plain HTML to PHP WordPress for management ease.
- WordPress implementation allows for non-specialists to update website content.
- Assistance managing website post-internship remotely.

RIT Intramurals   *Rochester, New York*
VOLLEYBALL REFEREE   *Jan. 2016 - Present*
- Officiating Intramural Volleyball matches at RIT.

DJL Auto Mechanics   *Brooklyn, New York*
AUTO-MECHANIC APPRENTICE   *June. 2012 - Dec. 2012*
- Responsible for assisting with customers' vehicles and customer interaction.

Projects

1st Place - ACM-ICPC International Collegiate Programming Contest
ROCHESTER INSTITUTE OF TECHNOLOGY QUALIFIER   *Fall 2016*
- Java: 3 person team given 8 algorithmic problems in a 5 hour time constraint
- In charge of problem selection, raw solutions, and pseudo code
- Representing RIT in the Oswego,NY Regional Competition

Financial Portfolio Tracking System
JAVA APPLICATION DESIGNED TO MANAGE FINANCIAL PORTFOLIO.   *Spring 2016*
- 10 Week 4 Person Team Project, GOF Design Patterns, AGILE.
- In charge of Java FX UI implementation.
- Created database and structures to hold portfolio data.
- Connected application to Yahoo Finance API for stock data.

HealthNet
DJANGO WEB APPLICATION DESIGNED TO MANAGE A HOSPITAL.   *Fall 2015*
- 12 Week 4 Person Team Project, Bootstrap, SCRUM
- In charge of communicating with customer and quality assurance
- Handled user registration and storage of user medical data
- Parsed JSON user data to export medical data to CSV

Skills and Programs

Java, Python, SQLite, HTML, Django, OSX, Windows, Linux
Russian, Autodesk Inventor, Autodesk Revit, Microsoft Office, WordPress

Classes

Intro to Software Engineering, Computer Science I and II, Engineering of Software Subsystems,
Math Models of Software Engineering, Honors Analysis of Algorithms, Computer Science Theory

Extracurricular Activity

Website Development, Volleyball Coaching, RIT Varsity Men's Crew, Volunteer Soup Kitchen, People to People Student Ambassador