

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

B.S. IN SOFTWARE ENGINEERING

- Modern Language Russian Minor

Rochester, New York

Sept. 2014 - PRESENT

Saint Petersburg State University

STUDY ABROAD

Saint Petersburg, Russia

Summer 2016

Brooklyn Technical High School

Brooklyn, New York

June 2014

Experience

The State Hermitage Museum

SOFTWARE ENGINEER INTERN, VOLUNTEER SERVICE

- 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.

Saint Petersburg, Russia

Summer 2016

RIT Intramurals

VOLLEYBALL REFEREE

- Officiating Intramural Volleyball matches at RIT.

Rochester, New York

Jan. 2016 - Present

DJL Auto Mechanics

AUTO-MECHANIC APPRENTICE

- Responsible for assisting with customers' vehicles and customer interaction.

Brooklyn, New York

June. 2012 - Dec. 2012

Projects

Quoridor

USES JAVA TO CREATE QUORIDOR GAME AI.

- 2 Person Team, Deep Copy and 2D Arrays.

HealthNet

A HOSPITAL MANAGEMENT WEBSITE APPLICATION CREATED WITH DJANGO

- 12 Week 4 Person Team Project, Bootstrap, SCRUM

Financial Portfolio Tracking System

USES JAVA TO MANAGE STOCKS AND CASH ACCOUNTS.

- 10 Week 4 Person Team Project, GOF Design Patterns, AGILE.

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