

Kate Kulinski

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EDUCATION

UNC CHARLOTTE | BS COMPUTER SCIENCE

Charlotte, NC | Sep 2020 - Present

WORK EXPERIENCE

ONEIT | TECHNICAL LINUX SPECIALIST

Charlotte, NC | December 2022 – Present

- Managed high performance clusters (RHEL) for doctoral research in physics, motor sports, etc. <https://oneit.charlotte.edu/urc/research-clusters>
- Resolved customer issues via Cherwell, an IT ticketing system.
- Automated administrative tasks using Bash and Ansible scripting.
- Deployed virtual environments with VMware and Vagrant.

TIAA | SOFTWARE ENGINEERING INTERN

Charlotte, NC | June 2022 – August 2022

- Added new features to a pre-existing logging application (SERA).
- Developed template-driven forms in AngularJS/TypeScript with client-side validation and autocompleted menus.
- Passed form data to several backend CRUD functions, written in C#.
- Updated SQL tables with validated user data.
- Followed the agile workflow and successfully completed several work items in Azure DevOps.

SKILLS

TOOLS Microsoft Visual Studio, Azure DevOps, SQL Server Management Studio, Charles Web Proxy, Git
LANGUAGES Python (Django, Pandas, Requests), JavaScript (Angular), TypeScript, PostgreSQL, HTML/CSS

PROJECTS

FOLIO | DJANGO, HEROKU, POSTGRESQL, GIT, TAILWIND CSS

A open collaboration social network for logging and reviewing books. Uses the Google Books API. Users can generate reviews, comments, and add new books to our database.

LBXD.PY | REQUESTS, JSON, POSTGRESQL, CHARLES WEB PROXY <https://github.com/katurian/lbxd.py>

A complete Python wrapper for the Letterboxd API: <http://api-docs.letterboxd.com>

CDC DATA MINING | REQUESTS, XML

<https://github.com/katurian/CDC-Wonder-API>

Takes in an ICD-10 code parameter for a disease like TB, influenza, etc., and sends an XML POST request to <https://wonder.cdc.gov/controller/datarequest/D76>. Converts the response XML to a Python dictionary containing death counts between 1999 and 2019.

COURSEWORK

DATA STRUCTURES AND ALGORITHMS

INTRODUCTION TO OPERATING SYSTEMS AND NETWORKING

PARALLEL AND DISTRIBUTED COMPUTING

INTRODUCTION TO COMPUTER ARCHITECTURE

NATURAL LANGUAGE PROCESSING

COMPILER CONSTRUCTION