

Christopher Nellis

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<https://github.com/chrisnellis>

SUMMARY As a software engineer, I love solving problems with well-architected and well-tested software using test driven development and paired programming. I prefer the back end of the stack, and feel most comfortable Springing into action writing microservices. Automating mundane processes is a hobby of mine, like the creation of this very document!

EXPERIENCE **Duke Energy, Senior Software Engineer** October 2017 — Present
<https://www.duke-energy.com>

Summary: I'm responsible for for the back end of our customer mobile app, mentoring fellow software engineers, and synthesizing both business and technical requirements

- Currently lead back end development for Duke Energy's customer mobile app
- Scaled customer mobile app's back end to support more than 1,000,000 customers
- Pioneered replatforming effort to rewrite monolithic legacy services as Spring Boot microservices
- Developed API layer for customer product recommendation engine
- Advocated for test driven development and use of testing frameworks

Revature, Software Developer August 2016 — October 2017
<https://revature.com>

Summary: At Revature, I learned about software development while honing in my skills through hands-on projects

- Worked on multiple projects to showcase budding development skill
- Presented technical solutions

UNC Office of Institutional Research and Assessment, Student Worker
<https://oir.unc.edu> May 2015 — August 2016

Summary: As a student worker, my role was initially to oversee and manage the digital accreditation report for UNC. Over time, I realized my proclivity for software development and found myself working on various software projects

- Built tool to upload accreditation evidence and track approval status
- Managed HTML copy of accreditation report
- Created tool to translate addresses into latitude and longitude coordinates using Google Maps API
- Devised reproducible method to rename multiple files at once using Powershell

EDUCATION **UNC Chapel Hill** August 2014 — May 2016
Bachelor of Science in Information Science

- Foundations of Information Science
- Information Ethics and Privacy
- Introduction to Database Concepts and Applications
- Web Development
- Mobile Web Development
- Python Development

Appalachian State University August 2012 — May 2014

SKILLS **Back End Development:** Microservice Architecture, Modular Monolithic

Architecture, Java, Spring, JUnit, Mockito

Front End Development: HTML5, CSS, Angular, Angular Material
Components, Karma, Protractor

Automation Tools: Bash scripting, Python, Concourse CI, Github Actions,
Jenkins

Software Development Methodologies and Techniques: Test Driven
Development, Paired Programming, Scrum, Devops, CI/CD
