# Christopher Nellis

chris[at]nellis.io
https://github.com/chrisnellis

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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!

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EXPERIENCE

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

- 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

- 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://oira.unc.edu                                    May 2015 — August 2016

- 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

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EDUCATION

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

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

**Appalachian State University**                    August 2012 — May 2014

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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