

Christopher Carlile

Senior Full-Stack Developer • Las Vegas, NV • 901-356-4387

christopher.carlile@gmail.com

<https://github.com/ccarlile>

Professional Experience

Senior Data Services Engineer - Banno I Jack Henry & Associates

April 2016 - February 2020

- Contributed to, then led design of, a mission-critical ACH transfers feature in a legacy Akka codebase.
- Ensured that client data & money are secure in transit and at rest.
- Helped migrate toward a services-oriented architecture and a pure-FP paradigm using the Typelevel stack.
- Attended and presented in regular meetings for all-hands, product, and team. Participated in peer-learning book clubs.
- Engaged with client-facing teams to diagnose, document, and fix issues. Started and continued to maintain a team wiki.

Founder - Benntoo

2016 - 2019

- Conceived, planned, and executed a business model that empowers nonprofits to fund raise and donors to give.
- Architected a full-stack isomorphic Scala application, including design & implementation of data model, API, and UI.
- Balanced ideal solutions with startup constraints. Utilized best practices and pursued security, scalability, and maintainability by design.

Research Assistant - Institute for Intelligent Systems

June 2014 - September 2015

- Worked with Windows Azure Pack and C# to help prototype backend for experimental Web App.
- Used web scraping technologies and Python scripting to gather and format text data for large n Natural Language Processing research.
- Attended, participated in, and presented to public weekly research meetings.

Quality Tester - Adobe, contracted through ZeroChaos

November 2012 - April 2013

- Used knowledge of UNIX systems to perform daily black-box testing of proprietary software on Android devices.
- Responsible for writing bug reports and communicating problems in a precise manner.
- Streamlined workflow across the team by writing and disseminating shell utilities.

Technologies

Favorites

Scala, Python, Javascript, Linux, Emacs, Vim, Functional Programming, SQL, Git, HTML5, CSS3, Docker, Nix, Elm

Familiar with

Node.js, AngularJS, Express.js, MongoDB, Vue.js, Google Search, shell scripting, AWS, JQuery, curly brace languages, Lisps, ML-style syntax

Education

BS Mathematics Honors - University of Tennessee

Cum Laude - 2008-2012

Awards and honors

National Merit Scholar - 2008-2012

Eagle Scout - 2008