Christopher D. Hagmann
Software Developer

☎ | +1 (210) 860 - 2966
✉ | cdhagmann@gmail.com
↗ | cdhagmann.com

OBJECTIVE

Driven professional and passionate learner looking to leverage knowledge in Python, Rails, and agile development in a software developer position.

RELEVANT EXPERIENCE

Momentum Learning   2018
Back-end Developer Student

- Dedicated 12-weeks specializing in highly focused, immersive training centered on language fluency, object-oriented programming, and project based learning.

Beacon Hill Staffing   2018
Python Developer

- Improved coding style and maintainability of shared Python libraries used across various teams at TDS Telecom in an agile development environment.

Epic Systems   2016 – 2018
Business Intelligence Developer

- Created SQL extracts and stored procedures for a dimensional database and maintained server-side code written in Caché (MUMPS).
- Consulted with various health care institutions as a contractor to assist their existing teams with Epic-specific reports.

Purdue University   2012 – 2015
Graduate Research Assistant

- Modeled optimal system designs in Python using stochastic disjunctive programming methods for warehouses in supply chain networks using third-party APIs.
- Developed efficient Python code for finding the optimal parameters of a black-box simulation for the MindModeling@Home project using statistical methods and genetic algorithms.
- Implemented a predictive model in Python for predicting the NCAA Tournament on a Debian Linux distribution.

VOLUNTEER EXPERIENCE

The Church of Jesus Christ of Latter-Day Saints   2007 – 2009
Proselyting Missionary

Brigham Young University   2006 – 2012
Peer Tutor

SOFTWARE SKILLS

ADVANCED	Python, Rails
INTERMEDIATE	Ruby, SQL, HTML, CSS, Linux, LaTeX, MUMPS
NOVICE	JavaScript, Bootstrap

PROJECTS

2018   **SocialDeck**
A centralized contact application built using Rails, GraphQL, and React that allows for information to be updated, maintained, and shared ⦿

2018   **LIFO**
A Stack Overflow clone complete with API using Rails and Bootstrap ⦿

2018   **HashRocket**
A Hacker News clone using Rails and Bootstrap ⦿

2015   **Bracketology**
A predictive model in Python for creating a winning bracket for the NCAA Men's Tournament using k-Nearest Neighbor ⦿

EDUCATION

2012 – 2015	**Purdue University** MS – CHEMICAL ENGINEERING *West Lafayette, IN, USA*
2005 – 2012	**Brigham Young University** BS – CHEMICAL ENGINEERING MINOR – MATHEMATICS *Provo, UT, USA*

COMMUNICATION SKILLS

NATIVE	English
FLUENT	Spanish (oral & written)
BEGINNER	American Sign Language