Christopher D. Hagmann

Software Developer

OBJECTIVE

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

RELEVANT EXPERIENCE

SciMed Solutions 2019 – Present
Software Developer

- Build custom greenfield web applications using Rails and JavaScript based on clients' requirements.
- Implement features and bug fixes for custom legacy web applications using various versions of Ruby and Rails to continue meeting clients' needs.
- Update custom legacy web applications using Rails and JavaScript to ensure application security and minimize technical debt.

Momentum Learning 2018
Back-end Developer Student

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

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.

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SOFTWARE SKILLS

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

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