Lucas Taylor Earl

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OBJECTIVE
An engaging software development job that will challenge me and integrate mathematical abilities with software passion.

EXPERIENCE
IT Analyst II (Mid-level Software Engineer)
State of Utah, Salt Lake City, Utah
August 2014 – Present

- Authentication and authorization plugin development for enterprise level systems.
- Design and development of contracted java web-based applications for state agencies.
- Application and database support

Software Engineer and Co-founder
Arbitfury LLC, Salt Lake City, Utah
January 2015 – Present

Our products are free arbitrage tools that we will be rolled out in phases.

- Wrote web scrapers in node.js and phantom.js
- Database and caching using mongo and redis
- Front-end to be written in react.js

EDUCATION
Universidade de Coimbra, Coimbra, Portugal
MS Pure mathematics, June 2013
Dissertation: Variedades de álgebras topológicas
GPA 17/20

Brigham Young University, Provo, Utah
BS Physics and Mathematics June 2008
Thesis: Explorations in quantum relativity
GPA: 3.6

SKILLS

- Core Programming Languages: Java, C#, C++
- Java: Spring, Struts2, MyBatis, Hibernate, Tomcat, Maven
- Typesetting: LaTeX, TeX
- Javascript: NPM, React.js, Node.js, Phantom.js, Casper.js
- Database: Oracle, SQL Server, MySQL, Mongo, Cipher
- Human Languages: English, Spanish, Portuguese