**Alexander S. Patel**

3967 Vrain Street | Denver, CO 80212 | 303-396-7916 | [alexspatel@gmail.com](mailto:alexspatel@gmail.com)

**OBJECTIVE**

Seeking a software development role where 2½ years of experience with object oriented programming and relational database management systems at an industry leading company will add value

**TECHNICAL SKILLS**

Languages: Java, C++, Python, Ruby, PHP, HTML, CSS, JavaScript, jQuery, Haskell, VB.Net

Databases: SQL, SQLite, MySQL, PostgreSQL

Other: Git, [github.com/apatel23](http://github.com/apatel23)

**EXPERIENCE**

**Software Developer/Software Implementation Consultant**

*Fast Enterprises LLC, Oklahoma City, OK & Sacramento, CA* July 2016 to present

* Practiced object oriented programming and relational database management techniques
* Used incremental and iterative agile development methods to complete functional user stories
* Transitioned clients from an out-dated legacy system to a dynamic and robust software system
* Assisted in post-implementation and continuous improvement efforts for a software product used by State tax administrations
* Improved system performance for a product that maintains records for millions of taxpayers across dozens of tax types and processes thousands of tax returns and refunds every day
* Collaborated with a team of state accountants to streamline the process of allocating over $1 Billion in tax revenue to state agencies and funds every month
* Communicated with clients to understand business practices and goals
* Developed teamwork and problem solving skills
* Tech: VB .NET, SQL, software versioning

**Senior Capstone Project**

*Advanced Software Engineering Field Session, Colorado School of Mines*  Summer 2015 (6 weeks)

* Developed an Android mobile application with a team of four students using SCRUM development
* Collaborated with the US Women’s Olympic Track Cycling team and coaches
* Mobile app designed to help cyclist’s improve their performance in competition and training by displaying and providing realtime feedback during and after a workout or race
* Tech: Java, SQLite, Lightblue Bean, Arduino

**IT Intern**

*Verizon Communications, Colorado Springs, CO* Summer 2014 (10 weeks)

* Transitioned an outdated GUI tool used to save hours of effort into a more modern and maintainable format using Java Swing
* Assisted a team of Engineers working production support for an internal network surveillance product
* Tech: Java, C++

**EDUCATION**

*Colorado School of Mines, Golden, CO*

Graduated May 2016 Bachelor of Science, Computer Science

* Minor: Economics
* Related course work: Algorithms, Data Structures, Advanced Software Engineering, Computer Organization, Elements of Computing Systems, Entrepreneurship, Microeconomics, Corporate Finance, Engineering Economics, Database Management, Operating Systems, Web Programming, Game Theory

**ACHIEVEMENTS**

Eagle Scout, Boy Scouts of America