Vladislav Soukhovei **vlsu8752@colorado.edu**
12795 Clermont St. Denver, Colorado. (303)-960-1161

PROFESSIONAL EXPERIENCE

Gates Corporation **Denver, CO**
Software Engineer Summer 2015 - Present

- In charge of the development, testing, maintenance, and deployment of Design Power desktop application. Design Power consolidated various engineering applications into a Computer-Aided Engineering software suite for Gates engineers. The project was carried out through the use of .NET, C#, SQLite, WPF, and XAML
- Responsible for the implementation and system testing of Sidewinder ABDS physics model, Levenberg-Marquardt root finding algorithm, CAD functionality, and the design of the user interface
- Completed maintenance requests for ABDS, CVT, and CVT Tuner modules of the Design Power application. Requests involved interface fixes, optimization of calculations, and functionality enhancements
- Fulfilled a time sensitive requirement by sending a JSON GET request that helped secure a contract with Motion Industries
- Reworked Design Power's graphical user interface making WPF views user friendly by reorganizing cluttered information into easy to view layouts

Fast Enterprises LLC **Salem, OR**
Implementation Consultant Summer 2014 - Summer 2015

- Guaranteed the reliability of the automated non-filer processing by performing rigorous unit testing of .NET subs, functions, and GenTax configuration
- Transformed GenTax users from novices to experts by instilling confidence in performing everyday tasks
- Simplified the job of the audit unit by writing complex, yet efficient SQL queries that were used to optimize the auditing process
- Reduced the time that it takes an auditor to complete their work by pre-populating the audit working papers with existing return information
- Lead new Fast hires on the path to becoming successful Implementation Consultants

Laboratory of Atmospheric and Space Physics **Boulder, CO**
Scientific Computing Intern Spring 2013 - Spring 2014

- Reduced the insert time of SQL queries from 18 hours to minutes by statistically comparing the JDBC benchmark data set to that of the SQL*Loader
- Ensured the proper execution and correctness of output produced by a Java class responsible for parsing telemetry data by implementing a Java test class
- Enhanced the documentation of the Hanning Filter routine by providing graphical representations of the data filtering process using IDL visualization tools
- Designed the software architecture and Java implementation of the Hanning Filter and used it to remove noise from raw telemetry data.

EDUCATION

University: University of Colorado **Degree:** B.S. in Applied Mathematics **Minor:** Computer Science
School: College of Engineering **Graduated:** May, 2014 **GPA:** 3.41

TECHNICAL KNOWLEDGE

Languages		Web	DB Tools	IDE	Version Control	Code Quality
C#	MATLAB	HTML	SQL Server	Visual Studio	TFS	Visual Studio Unit Test
Java	IDL	CSS	SQLite	Eclipse	Git	JUnit
.NET	C/C++	PHP	Oracle SQL	Emacs	Subversion	Jenkins