Junior Software Developer Junior Software Developer Layton, UT An entry level programming position to challenge and advance my skills in mathematics and computer science. Authorized to work in the US for any employer Work Experience Junior Software Developer hh2 Cloud Services - Layton, UT May 2017 to Present   Use C#, SQL, and Razor markup to add functionality to enterprise billing, payroll, and inventory tracking web application.   Develop, update, and maintain file encryption and password hashing for enterprise applications.   Utilize 3rd party REST APIs to integrate with outside systems and data.   Design, build, and maintain multi database synchronization application for documents and data.   Responsible for Quality Assurance and bug tracking of code before shipping.   Use Reflection, MVC, MVVM, and WPF design patterns.   Mentor teammates in development of complex SQL queries and live data manipulation. Developer/Analyst Weber State University Sponsored International Math Modelling Team - Ogden, UT January 2017 to February 2017 Responsible for designing, implementing, documenting and testing Mathematical model designed by small team for simulating real world system and reliability Mathematics & Science Tutor Weber State University Community Education Center - Ogden, UT 2015 to 2016 Tutored students at Middle and High school levels in mathematics, including Algebra and Calculus as well as Physics, Chemistry, and Biology. Education Master's in Data Science Johns Hopkins University - Baltimore, MD August 2019 to Present Bachelor of Science in Applied Mathematics Weber State University - Ogden, UT April 2017 Skills ALGORITHMS (Less than 1 year), ANDROID (Less than 1 year), C# (Less than 1 year), C++ (Less than 1 year), CRYPTOGRAPHY (Less than 1 year) Additional Information SKILLS & ABILITIES Mathematics Focused interest in Linear Mathematics, Matrices, Discrete Mathematics, and general Calculus Competition experience in mathematical modelling of real world systems   Cryptography experience   Computer Science   Experience with designing Finite State Machines, Formal Languages, and Turing Machines   Experience with compiler theory   Experience with data structures, developing algorithms, and using established design patterns   Familiarity with C++, C#, Java, Python, SQL, Mathematica, and Matlab   Experience with database design   Some Mobile (Android) development experience

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