Ian Robert Jamieson

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Objective
Hard-working and innovative software engineering student with demonstrated leadership and organizational skills seeking to apply my passion for data engineering and natural language processing in a full-time software developer position.

Education
- Iowa State University - Software Engineering - Graduating December 2018 – GPA: 2.76
- Prior Lake High School, Savage, MN, May 2014

Technical Knowledge
Technologies: Python, Keras, C, Hadoop, Pig, MapReduce, Java, MySQL, JavaScript, PHP
Operating Systems: Linux, macOS, Windows

Projects
ijvestments, Overland Park, KS – Founder (April 2018 – Present)
- Developing website to assist with financial decisions for users who want quick investment advice and analysis. Used Python for investment advice, PHP and JavaScript for website aspect, and AWS for website hosting (S3, Route 53, EC2).
True 360, Ames, IA – Backend Engineer (January 2018 – Present)
- Developing system which will bring 360 video to zoos and aquariums. Using JavaScript, HTML, PHP, MySQL, and new 4k 360 degree cameras to create the product. Personal focus was on implementation of security and authentication.
Nest, Ames, IA – Web Developer (January 2017 – May 2017)
- Developed website to help college students find affordable housing options in college towns. Utilized JavaScript, HTML, PHP, MySQL, and MapBox API to create website.
#Instagram, Ames, IA – Author (Summer 2016)
- Wrote and self-published an e-book on Instagram. The book details the well-kept secrets of Instagram fame, how to attain, and the benefits of social influence.
Exploring Iowa, Ames, IA – Founder (Jan 2016 – August 2016)
- Founded a website that allows users to find places to explore in Iowa. Website had over 2,000 unique visitors in the first week of launch. Utilized custom Google Maps to create location-based exploring section.

Employment
UnitedHealth Group, Eden Prairie, MN – Machine Learning / Artificial Intelligence Intern (May 2018 – August 2018)
- Utilizing natural language processing to develop two models for sentence boundary detection and true casing information derived from call center phone transcripts.
UnitedHealth Group, Minnetonka, MN – Data Science Intern (June 2017 – August 2017)
- Used Python and SQL to automate the generation of data quality reports for the Premium Designation team. Utilized big data analytics to help evaluate the quality and efficiency of physicians.
Iowa State University Police Department, Ames, IA – Technical Assistant (July 2016 – Present)
- Worked diligently to protect the image of ISUPD through the use of real-time data analytic tools. Focused on developing brand image for the department as well as working with social media companies and federal law enforcement agencies to help investigate threats to campus received through social media.
Apple Inc., Ames, IA – Campus Representative (February 2016 – May 2017)
- Lead "Everyone Can Code" demonstrations and campus initiatives with faculty, staff, students, and parents to convey value proposition across the full spectrum of Apple products. Regularly spoke on new services and benefits to higher education.

Activities
- Completed Grandma's Marathon – June 2017
- Social Media Data Science Research – September 2017
- The Salt Company – campus youth group

Key Honors / Awards / Achievements / Community Service
- Nominated for Iowa State University Student Employee of the Year Award (2017)
- Boy Scouts of America - Earned Eagle Scout - December 2013.
- Cornerstone Church of Ames – Volunteer Camera Operator