

Sammuel Hobbs

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<https://www.linkedin.com/in/sammuelhobbs/>
<https://github.com/Sammuel-Hobbs/cmu-gainz>

EDUCATION

Carnegie Mellon University – H. John Heinz III College
Master of Information Systems Management

Pittsburgh, PA USA
May 2019

Relevant Courses: Applied Analytics: Machine Learning Pipeline, Advanced Business Analytics, Big Data and Large-scale Computing, Data Science for Product Managers, Data Mining, Managing Analytics Projects, Agile Methods, IT Project Management, Strategic Planning, Enterprise for Innovators, Database Management, Data Warehousing, Distributed Systems

Weber State University – John B. Goddard School of Business & Economics
B.S. Supply Chain Management | B.A. Spanish

Ogden, UT USA
Dec 2016

SKILLS

| Languages | Databases | Tools and Frameworks | Management |
|---|--|---|---|
| Java, SQL, Python, R, HTML, CSS, JavaScript | Oracle 11g, SQL Server, PostgreSQL, SQLite | Tableau, SAP, Minitab, MS Office, Visio & Project, TensorFlow, Flask, Django, Hadoop, MapReduce | Supply chain design, strategic sourcing, logistics, teaming, oral presentation, research, and Spanish fluency |

ACADEMIC PROJECTS

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| Application Usage Profiling <i>Credit Suisse Bank – NYC Oct 2018</i> <ul style="list-style-type: none">Managed the team in recommending an efficient software provisioning systemDeveloped ML analyses: clustering and association rules, in Python and R | Hospital Billing System – MIMIC II DB <i>CMU – Pittsburgh 2018 – 2019</i> <ul style="list-style-type: none">Built a deep learning regression model in TensorFlow that estimates costingIntegrating the model in a full-stack app that automates tasks in billing lifecycle | Pathology Slide / Cancer Classification <i>CMU – Pittsburgh Nov 2018</i> <ul style="list-style-type: none">Fine-tune CNN image prediction model Consumer Complaint Classification <i>CMU – Pittsburgh Oct 2018</i> <ul style="list-style-type: none">NLP/text prediction of financial products |
| Data Science and ML Pipeline <i>Cassian Solutions – Pittsburgh 2019</i> <ul style="list-style-type: none">Evaluating healthcare data and systems integration for a novel product that addresses medication adherence | Captain America Theater Attendance <i>CMU – Pittsburgh 2018</i> <ul style="list-style-type: none">Estimated weekly attendance for Winter Soldier (2014) with exponential and geometric distributions, following MLE | Student Recognition System <i>CMU – Australia Nov 2017</i> <ul style="list-style-type: none">Integrated open-source face-recognition software in a Java-based biometric user identification and information system |

EXPERIENCE

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| Pernix Pty Ltd – Business Process Improvement Internship – Adelaide, South Australia <ul style="list-style-type: none">Consulted with business admins, identified process improvement opportunities, provided a technical architecture for data flowDeveloped a prototype task automation tool (Flask web app) for business admin, integrating with the existing CRM system APIReduced process labor burdens by 70%, streamlining business processes and managing growth of data collection and analysis | May 2018 – Jul 2018 |
| L3 Technologies CSW – Logistics Engineer – Salt Lake City, UT USA <ul style="list-style-type: none">Mitigated supply risk of materials nearing end-of-lifecycle (EOL) for 27 products across four ongoing DoD programsPresented mitigation recommendations to program management; analyses derived from data in SAP and engineering databasesPrepared EOL impact analyses to support mitigation strategies for over 40 proposals in new program contracts with the DoDTrained team members about EOL financial impacts on programs and therefore its effects on the company's strategic mission | Feb 2016 – Aug 2017 |
| Treehouse Children's Museum – Office Manager – Ogden, UT USA <ul style="list-style-type: none">Prepared and presented financial reports for company executives; managed QuickBooks records, following GAAP standardsAnalyzed financial datasets to formulate proposals for private and public monies, having exceeded \$1,000,000 in awards | Dec 2014 – Mar 2016 |

LEADERSHIP & AWARDS

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| • <i>Professional Scrum Master I</i> , Scrum.org | 2018 |
| • <i>Finalist</i> , Deloitte Consulting Case Challenge (Heinz College) | 2018 |
| • <i>Ambassador</i> , Heinz College Admissions Ambassador Program | 2018-2019 |
| • <i>Semi-finalist</i> , Hilti IT Competition: IoT in the Construction Industry | 2018 |
| • <i>Champion</i> , Starbucks/Arizona State National Supply Chain Case Analysis Competition | 2016 |
| • <i>Finalist</i> , General Motors/Wayne State Supply Chain Case Analysis Competition | 2016 |
| • <i>Scholarship</i> , Council of Supply Chain Management Professionals | 2016 |
| • <i>Research Presentation</i> , Decision Sciences Institute Annual Conference | 2016 |
| • <i>Leadership Award</i> , John B. Goddard School of Business & Economics | 2016 |
| • <i>Student Senator</i> , John B. Goddard School of Business & Economics | 2015-2016 |
| • <i>Study Abroad</i> , Guatemala: Women Studies & Microfinances | 2014 |