

RYAN ENDERBY

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EDUCATION

Cornell University

M.P.S. Information Science Dec. 2016
GPA: 3.930

B.S. Applied Economics and Management May 2016
Minors in Cognitive Science, Information Science
GPA: 4.045, *summa cum laude*

SKILLS

TypeScript / JS	Git
Node.js	REST API design
Python	Physical prototyping
Postgres	Java
Hyperledger Fabric	Kubernetes

WORK EXPERIENCE

IBM Blockchain Solutions

Advisory Software Engineer March 2019 - Present

Staff Software Engineer August 2017 - March 2019

- Developing Node.js microservices as part of a supply chain platform for producers and suppliers to instantly track and analyze products, especially in recall situations
- Led small team (4 engineers) in the development of an offering that allows clients to execute their own smart contracts against data in the IBM platform
 - Drove initial design, designed APIs, established Agile structure, defined and delegated technical roadmap, communicated with internal stakeholders and external clients
- Taken multiple products from ideation to General Availability release, including an analytics application for supply chain data and a blockchain-based document store
- Experience with greenfield development, maintaining established products, and refactoring / rearchitecting legacy systems

Other: 4 filed patents, member of Reinforcement Learning Reading Group, represent IBM at major conferences like CES

Fiberspark

Software Developer June 2016 - July 2016

- Created Python program that leverages Google Maps APIs and company-collected demand data to plan optimal paths of fiber-optic cable infrastructure
- Modified and built new functionality into a Ruby on Rails app to handle customer sign-ups and accounts

BlackRock

Summer Analyst, Strategy & Corporate Development May 2015 - July 2015

- Staffed on deal team, assisted in diligence for acquisition of FutureAdvisor, a "robo-advisor" platform
- Built and maintained investment models (DCF), acted as internal firm strategy consultant

PROJECTS

Digital Populism in the UK

May 2015 - July 2015

- Developed modular pipeline for gathering and preparing Facebook data for linguistic and network analysis
- Application use has resulted in at least one peer-reviewed publication from Cornell's Sociology Department

Other: Oversaw 200-member general body and \$500,000 budget in the planning, promotion and production of major concerts at Cornell, including Bob Dylan, Modest Mouse and Carly Rae Jepsen

Interests: Music - Woodworking - SCUBA diving - Public speaking