Simon Ever-Hale

Backend Software Engineer

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WORK EXPERIENCE

HUBSPOT

Senior Software Engineer 2 | Jul 2020 - present
Senior Software Engineer 1 | Dec 2018 - Jul 2020
Software Engineer | Feb 2018 - Dec 2018

- Worked on 3 different teams at different levels of the backend stack, becoming a subject matter expert and mentor on each team
- Designed and developed complex systems and libraries across the company for everything from business-critical product features to core logging infrastructure libraries.
- Built and maintained 10+ distinct high-throughput data pipelines using Kafka, REST APIs, Spark, and/or Hadoop.
- Handled 2000+ PagerDuty incidents across 100+ different applications
- Drove development and adoption of Apache Spark throughout the org, improving libraries around using it and allowing 5-10 new teams to take advantage of Spark with a lower barrier to entry
- Developed and launched an internal library to handle ingesting and searching structured log data of arbitrary shape (easily customized by each user) at high scale and extremely low cost. Saw rapid adoption at all levels of backend stack by 15+ teams within the first month of release

ECOHACKERFARM | Software Engineering Intern   Brandenburg, Germany | May 2017 - Aug 2017

- Initiated and led development of an open-source project for planning gardens according to permaculture and companion planting principles
- Developed full-stack application according to customer requirements using MongoDb, Express, React, and Node.js.

PROJECTS

GENERATIVE ART USING PROCESSING ⧉   Java, Processing, JavaScript | 2015 - 2017

- Wrote code in Processing (Java) and paper.js to generate still image, animation, and interactive artwork
- Artwork was accepted to the Bridges Conference 2016
- Publication on an algorithm for drawing imperfect parallel lines was accepted to the Bridges Conference 2017
- Organized art shows for work produced by CS and Math students

EDUCATION

BA in Computer Science   Oberlin, OH | Dec 2017
Oberlin College

BA in Math   Oberlin, OH | Dec 2017
Oberlin College

SKILLS

Languages: Java, Python
Technology: MySQL, HBase, Kafka, Spark, Git, AWS