JOSH BACON

Engineer / Developer

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STATEMENT Capable software engineer seeking opportunities to collaborate, build, and deliver successful and elegant solutions. I share an enthusiasm for engineering; and always strive to be a positive and mindful contributor within my team, company, and greater community.

CAREER EXPERIENCE

Software Engineer II - Nordstrom (July, 2016 to July, 2020)
- Built GraphQL services to simplify data-query complexity across supply chain.
- Java and GoLang developer.
- Python development for Nordstrom Analytic teams.
- Contributor to the open-source Apache Airflow Python project.
- Extensive AWS and GCP cloud computing architecture knowledge.
- Extensive Kubernetes and Docker knowledge.
- Various ReactJS contributions on various sites.
- Key player on data processing / orchestration platforms across Nordstrom
  - Kubernetes
  - Spark
  - Kafka
  - Airflow
  - Hadoop
- Full-stack and dev-ops responsibilities.
- Mentor and advisor to interns and employees alike.
- CICD advocate.

Software Developer – **PC Bennett Solutions** (July, 2015 to July, 2016)
- C# and ASP.NET developer.
- Built user-interfaces, customizations, and integrations with proprietary software.
- Knowledge of enterprise business software.
- Worked closely with external clients, customers, and CPAs.
- Customer facing.

Intern for Information Delivery – **Clearwater Paper** (July, 2014 to May, 2015)
- C#, ASP.NET, and Javascript developer.
- Business Intelligence (B.I.) responsibilities.
- Heavy use of Microsoft data enterprise tooling.
- Crafted custom business reports.

EDUCATION
  Gonzaga University, May 2015 – B.S. in Computer Science
  Sumner Senior High School, 2011 – International Baccalaureate Diploma

LANGUAGES   GoLang, Java, JavaScript, Python, Scala, C#

FRAMEWORKS   GraphQL, Web APIs, Spark, NodeJS, SOA, React

SOFTWARE   Kubernetes, Linux, AWS, GCP, Docker, VSCode

COURSES

2015   Artificial Intelligence (Python)

Design & Analysis of Algorithms (C++)

Software Design & Engineering (C#, ASP.NET)

2014   Statistics (R Scripting)

Operating Systems (C/C++)

Software Engineering Concepts Computer Graphics (C++, OpenGL)

Data Mining (Python)

Chaos & Dynamical Systems (Python)

Mobile Computing (Java, Android, Eclipse)

Computer Architecture

2013   Computer Security

Programming Language Paradigms (Haskell, Prolog)

Object-Oriented and Event Driven Programming (Java)

2012   Algorithms & Abstract Data Structures (C++)

RECOGNITIONS

Data & Services Playmaker Award – Nordstrom, Q1 2017

Dean's Scholarship – Gonzaga University, 2011 to 2015

Chuck Award – Clearwater Paper Corp, October 2014

Full International Baccalaureate Diploma – Sumner High School, 2011

Academic Excellence Award – Rotary Club of Sumner High School, 2011