

# 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)

- Developed GraphQL services to simplify data-query complexity across supply chain.
- Java and GoLang developer for Service Oriented Architectures (SOAs).
- 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.
- Contributor to ReactJS efforts on various sites.
- Key player on data processing / orchestration platform designs across Nordstrom
  - Kubernetes
  - Spark
  - Kafka
  - Airflow
  - Hadoop
- Full-stack and dev-ops responsibilities.
- Mentor and advisor to interns and employees alike.
- CICD advocate and influencer.

### 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