

Bennet Huber

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1219 NW Richmond Beach Rd
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Job Objective

To work as a lead engineer helping my team solve challenging and exciting problems.

Education

The Pennsylvania State University - May 2010
Bachelors of Science in Computer Science with a minor in Mathematics
GPA 3.55, Dean's list 7/8 semesters

Experience

Senior SDE	Amazon Inc	April 2021 - Present
SDE II	Seattle, WA	April 2016 - April 2021

Datapath Org - Datapath is a serverless execution platform and programming language designed for high throughput, low latency execution of business logic organized in an SOA architecture. It powers a significant portion of the real-time backend business logic for amazon.com traffic, and is used by hundreds of internal teams and thousands of developers. I've worked on most of the pieces over the years, but much of my recent work has focused on evolving the deployment system to scale from dozens of customer deployments/day five years ago to thousands currently. My current project is adding the concept of a "onebox" to the deployment system and runtime to enable multi-step production deployments for our customers, helping reduce the blast radius of bad changes.

SDE I	Amazon Inc	August 2014 - April 2016
	Seattle, WA	

Featured Merchant Algorithm (FMA) Team - owns the logic that picks which merchant offer is tied to Amazon's "Add to Cart" button. It is a low latency, high throughput system - its logic is invoked millions of times per second worldwide with latency on the order of 10s of milliseconds. While on FMA, I developed a shadow traffic automated testing mechanism to reduce developer time to run integration tests from several hours to a few minutes. I designed and implemented a new version of their public API, still in use five years later.

Software Developer	Azavea Inc	December 2010 - April 2014
	Philadelphia, PA	

Azavea is a small consulting firm specializing in web/mobile applications related to GIS problems. I worked on teams of two to six people and projects lasting from several months to many years. I was a full-stack developer working on things such as UI design and implementation, application logic, spatial predictive modeling, distributed architecture design, application deployment, and database schema design.

Intern	Cisco Systems	Summers 2007 and 2008
	San Jose, CA	

Internal web development and server administration.

Relevant Skills

Proficient in Java development, designing and maintaining highly available distributed systems, microservices/SOA architectures, and mentoring junior engineers. I've worked on a large variety of platforms and technologies, including C#/.NET, Python, AWS, Javascript, IOS/Android, and too many others to list.

Activities

Child Rearing
Past instructor for Girl Develop It Philly
Too many local hackathons to enumerate
Bicycled across America, Summer 2009

References

Available upon request