

Bennet Huber

bennet.huber@gmail.com
(215) 490-4297

1219 NW Richmond Beach Rd
Shoreline, WA 98177

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

SDE II

Amazon Inc
Seattle, WA

April 2016 - Present

Datapath is a serverless execution platform and language designed for high throughput, low latency execution of business logic defined in an SOA architecture across hundreds of development teams. It powers a significant portion of the real-time backend business logic for amazon.com traffic. 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
Seattle, WA

August 2014 - April 2016

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 also wrote and implemented a new version of their public API, still in use nearly five years later.

Software Developer

Azavea Inc
Philadelphia, PA

December 2010 - April 2014

Azavea is a medium sized 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 modelling, distributed architecture design, application deployment, and database schema design. One of the primary projects I worked on is called HunchLab, a product designed for crime analysts that implements many cutting-edge crime prediction algorithms and statistical models.

Intern

Cisco Systems
San Jose, CA

Summers 2007 and 2008

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 and Awards

Recipient of the Lockheed Martin Engineering Scholars Award
Past instructor for Girl Develop It Philly
Too many local hackathons to enumerate
Bicycled across America, Summer 2009

References

Available upon request