DESMOND H. VEHAR

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WORK EXPERIENCE

Senior Software Engineer (IV)   **December 2018 – Present**
Verizon Media (formerly Yahoo) – Yahoo Fantasy Sports Backend Team
  ● Currently working on Yahoo Fantasy Slate and Yahoo Daily Fantasy

Software Engineer III – Engineering Associates Program   **December 2017 – December 2018**
Verizon Media (formerly Yahoo) – Flurry Backend Team
  ● Led the investigation and implementation of many aspects of Flurry's GDPR implementation efforts.
  ● Led a project to support new event streaming protocol from the Flurry SDK and developed a plan to rearchitect the backend systems to support backend sessionization.

Software Engineer II – Engineering Associates Program   **October 2016 – December 2017**
Yahoo – Yahoo Sports Backend Team
  ● Implemented new pushed based (Comet) data flows for the Yahoo Sport's real-time backend system. This allows several major Sports pages to update in real-time (faster than TV!).
  ● Developed a system to programmatically generate interesting facts about games using a Production Rule Engine.

Software Engineer II   **February 2016 – October 2016**
Yahoo – Brightroll DSP UI Team
  ● Implemented a new application architecture that uses the "lightning" deployment pattern. This allowed for any version of the application to be served from any environment (even PR builds) while also dramatically reducing deployment times.
  ● Implemented many features for the new Audience Builder, a core part of the product.
  ● Led the development and integration of best practices while serving as the Brightroll DSP UI Team Lead.

Software Engineer I   **March 2015 – February 2016**
Yahoo – Yahoo Web Analytics Backend Team
  ● Engineered solutions in C++, C, Python, and Bash for distributed Web Analytics Backend Systems.

Software Engineering Internship   **June 2014 – September 2014**
United States Federal Government (Intelligence Community)
  ● Developed C++ modules which improved the data flow of the organization and reduced operational costs and security risks.

Undergraduate Research Assistant   **June 2013 – September 2014**
UC Santa Cruz – Expressive Intelligence Studio

Software Engineering Internship   **June 2013 – September 2013**
The Boeing Company: Space & Intelligence Systems   El Segundo, CA

PROJECTS

Medal of Honor Info – Amazon Alexa Skill   November 2018

Robinhood – Amazon Alexa Skill   June 2017
  ● Created a skill that uses the Robinhood APIs to allow Robinhood users to receive account updates.

Motivate Me – Amazon Alexa Skill   December 2016
  ● Built a system to aggregate quotes from various sources and fetch images from the Flickr API, and a skill to surface them.

Snow Image   December 2014
  ● Developed a web app that continuously renders an image probabilistically based on its darkness using HTML5 canvas.

AWARDS

Yahoo Excellence Award   March 2017
  ● This award was given to the top 10% highest performing employees in the company for 2016 - 2017.

1st Place Brightroll DSP Bug Hunt   July 2016
  ● I found, documented, and fixed the most bugs in my organization's systems during a week long bug hunt.

LANGUAGES, SOFTWARE, AND OS

Java, JavaScript, Bash, Storm, Amazon Alexa, HBase, Hadoop, Git, CI/CD, Kubernetes, Docker, Heroku, Linux, and more.

PROFESSIONAL ORGANIZATIONS AND CLUBS

  ● A* Member and Majorkey Core Contributor (2016 - Present) – /dev/color
  ● Co-Chair (2015/6) – Yahoo's Black Employee Resource Group
  ● President (2013/4), Vice-President (2012/3), and Senator (2012) – National Society of Black Engineers

EDUCATION

University of California, Santa Cruz   **Graduated December 2014**
B.S. Computer Science – 3.61 GPA (Cum Laude)