

STEM

ADVANTAGE

SCIENCE · TECHNOLOGY · ENGINEERING · MATH

August 2018 Newsletter

Summer 2018 INTERNSHIPS Part 2

Ashley- Cal State Northridge!



Ashley, a Computer Engineering major at Cal State Northridge, held a paid, full-time summer internship at Intel that extends through this fall. She writes, "this internship with Intel has been a great experience, and a huge learning experience thus far. I have had the opportunity to use skills learned in the classroom in my everyday work life. For example, I learned Verilog in one of my classes last semester and that is all I program in now! I have gained insight into the professional flow of things inside the corporate world, such as email etiquette and how the quality of your manager really affects the dynamic of a team. My internship extends beyond the summer and into January of 2019, I am curious to see what I will learn in the next few months of my internship!"

Justin- Cal State Northridge!



Justin, a Mechanical Engineering Major at Cal State Northridge, held his paid, full-time summer internship at Ensign-Bickford Aerospace & Defense, as shown above. Reflecting on his experience, Justin writes, "I have been a Development Engineer Intern for Ensign-Bickford throughout the summer and I worked on Safe and Arm devices for Lockheed Martin's Orion Space Craft and Boeing's Space Launch System, and Arm/Disarm devices for defense missiles. A lot of what I did was run the devices through numerous testing, failure investigations, earning contract proposals through designs, expedite customer's program deliverables, attend project reviews,

execute presentations, and contribute to technical meetings with team/customers. I learned a substantial amount of information about the aerospace industry and the proper steps it requires with a team to take a project from its conceptual phase to qualification phase."

Thar- Cal State Dominguez Hills!



Thar, a Computer Science and Math major at Cal State Dominguez Hills, spent his summer as paid intern at Jacobs Engineering. Here he reflects on his experience-

"Jacobs was my first internship ever, so it will always have a special place in my heart. I got to learn the ins and outs of the IT department that supports the software and hardware that the engineers and the administrative staff here. I got a chance to delve into web application development using [ASP.net](#) and Visual Basic language as part of the MARS web development team. I also got to experience being a part of the Agile development environment as part of a SCRUM team for that project. Additionally, I got to help out with a few database projects using the Oracle software and my SQL servers that corporate uses. I had a great experience here and got to work with great people. I want to thank STEM Advantage for helping me find this internship. It was a really great experience that I will cherish for the rest of my career!"

Help support scholars like Ashley, Justin, and Thar, by giving to STEM Advantage today!

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Mentors & Internships

To volunteer your time as a **mentor** or to provide **paid internship opportunities** to our scholars, please contact **Lee Ann Kline** at **949.322.3320** or at **leann@stemadvantage.org**

Save the Date: April 27, 2019!

Mark your Calendars....STEM Advantage will host its 7th Annual Fundraiser at the Samuel Oschin Space Shuttle Endeavour Pavilion on Saturday, April 27, 2019. More details to come and we are pleased to return to this location, the site of our first annual fundraiser in 2013!



For more information on **Sponsorship Opportunities**, please contact
Executive Director Dr. Dawn Mooney Digrius at **626.365.1255** or at
dawn@stemadvantage.org



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