

# Kordell M. Schrock

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## Education

- 2018–  
Present **Bachelors of Software Engineering**, *Iowa State University (ISU)*, Ames,  
*Expected Graduation: May, 2023*, Minor in Data Science.  
Cumulative GPA: 3.46, Major GPA: 3.55
- 2016–2018 **Associates Degree**, *Marshalltown Community College (MCC)*, Marshalltown,  
*Graduated: 2018*.  
Earned College Credits (57)
- 2016 **Earned Credits**, *Morningside College*, Sioux City, *Freshman*.  
Earned College Credits (12)

## Professional Experience

- 2020 **Leidos Scientific Research Company Summer Research Intern**.  
As an Intern, I worked on a Blockchain application that helps track the spread of Covid-19 to improve American healthcare, reduce healthcare care cost, detect Fraud, Waste and Abuse in Medicare Claims, improve clinical outcome and promote interoperability for researchers among related systems while protecting patient data sovereignty.
- 2019 **Stanford University College of Engineering Summer Undergraduate Research Fellowship (SURF)**.  
As part of the 17th Cohort, we conducted professional research at Stanford, specifically my research was within the Human-Computer Interaction Department. I enhanced the protocol of the Creative Drive Project, and we were able to run a pilot study. In addition, with this fellowship, our Cohort did a GRE Prep Course, Mentorship, Company visits within Silicon Valley, and Professional Development Workshops.
- 2018 **Big River Trading Co. Sac & Fox Tribe Of The Mississippi In Iowa**.  
As an Intern, I learned how they conducted business and how they kept business relations. I got the chance to implement my ideas into the Company, and I optimized their Purchase Ordering Form. I made it way more efficient than the previous way. Now it just takes a couple of clicks.
- 2017–2018 **Meskwaki Bingo Casino & Hotel Food & Beverage Department**.  
As a server of the Prime Cut Steak House, I provided optimal customer service, and I was responsible for the adherence and compliance of policies and procedures.
- 2016 **Meskwaki Inc. Sac & Fox Tribe Of The Mississippi In Iowa**.  
As an Intern for Meskwaki Inc. I was given the opportunity to learn about their multiple different subsidiaries. I was able to explore the workings of Woodlands Construction, Meskwaki Travel Plaza, Big River Trading Co., and their Inventory Warehouse.

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## Honors

- 2018 Marshalltown Community College Dean's List
- 2019-2020 ISU College of Engineering Dean's List
- 2019 Stanford University SURF 17th Cohort Recipient
- 2019 AISES Intel Undergraduate Growing the Legacy Scholarship Program - \$5000
- 2019 Cobell Undergraduate Scholar - \$5000
- 2019 SAP Engineering Scholars
- 2019 Deere & Co Minority Engineering Scholarship - \$1076
- 2019 ISU Engineering Program of Study Award - \$2600
- 2019 Meskwaki Higher Education Award - \$9000
- 2020 Cobell Undergraduate Scholar - \$6000
- 2020 Meskwaki Higher Education Award - \$9000
- 2020 Dartmouth College ASURE Recipient

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## Relevant Course Work

- COM S 309 Software Development Programming
- COM S 227 Introduction to Object-Oriented Programming
- COM S 228 Introduction to Data-Structures
- NET 270 Mobile Application Development

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## Leadership Development

- 2018 Building Native American Communities Financial Literacy, First Nations
- 2018-Present STEM Scholars Program (ISU)
- 2020 Dartmouth Guarini Graduate School Virtual ASURE Summer Workshop Series
- 2020 Yale Graduate School of Arts and Sciences Bouchet Bootcamp Series

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## Affiliations

- 2018-Present Society of Systematic Scientists, Society for Advancement of Chicanos and Native Americans in Science (SACNAS)
- 2018-Present American Indian Science and Engineering Society (AISES)
- Tribal Affiliation Meskwaki Nation (Sac and Fox Tribe of the Mississippi in Iowa)

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## Outreach Activities

- 2018 **Panelist**, Participated in a panel to help Native American Students in High School to become more aware of opportunities that College has to offer and help them prepare for College.
- 2018-2019 **Advisory Board**, Participated on a Board of Advisors for Oweesta Organization that helps build Native American Communities and Economic Sovereignty.
- 2020-Present **Treasurer**, Participating as an officer for Iowa State's SACNAS Chapter.

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## Computational Skills

- Python
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- Java
- SQL

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## Presentations

- 2019 Stanford University Huang Foyer (Poster Symposium) - Stanford, CA
- 2019 AISES National Convention (Poster Symposium) - Milwaukee, WI
- 2020 Dartmouth ASURE (Research Talk) - Webinar

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