

Arturo Hernandez Jr.

Education

CORNELL COLLEGE, MOUNT VERNON, IOWA — MAY 2016

BACHELOR'S DEGREE IN COMPUTER SCIENCE AND STUDIO ART

GPA 3.45 | FRANK ARMSTRONG & CLASS OF 55' SCHOLARSHIP RECIPIENT; MEMBER OF DEAN'S LIST

Work Experience

INVENTORY COORDINATOR

VESTA HOME; VERNON, CA | OCT 2017 - PRESENT, 40 HRS/WK

- Analyze and resolve any inventory issues such as replacing lost missing RFID tags, determine one-off item classification, and tag new incoming inventory.
- Oversee the preparation and processing of purchase orders, packing lists, factory deliveries and random receivables.
- Collaborate and communicate with design and engineering operations about inventory.
- Ensure that inventory is properly catalogued, documented, and action both data and product.

COMPUTER INSTRUCTOR

ABRIENDO MENTES; POTRERO, COSTA RICA | AUG 2016 - DEC 2016, 15 HRS/WK

- Instructed computer classes to both children and adults in the Potrero community following the established technology curriculum, all classes taught in Spanish.
- Supervised free usage of computers on an ad hoc basis.
- Maintained quality of computers and tech infrastructure through updates and repairs.
- Assisted with any other Abriendo Mentes activities and events as necessary.

PEER TECHNOLOGY CONSULTANT

CORNELL COLLEGE, COLE LIBRARY; MOUNT VERNON, IA | AUG 2015 - MAY 2016

- Supported peers on personal, professional or academic projects that dealt with the usage of hardware, software, and online tools.
- Supervised free usage of Mac/Windows computers, printers, scanners, Wacom tablets, 3D scanners.
- Troubleshooted desktop computer and printer (large-format, 3D, and laser printers) problems.
- Instructed workshops and created instructional documentation for users.

RESEARCH ASSISTANT

CORNELL SUMMER RESEARCH INSTITUTE; MOUNT VERNON, IA | MAY 2015 - JULY 2015

- Created and rendered 3D digital models from archaeological catalogue cards into different applications for scholarly and institutional use.
 - Examined and measured tombs from Monte Alban in Oaxaca, Mexico for virtual rendering.
 - Collaborated with the San Juan Guelavia community museum towards coordinating workshops featuring results from research.
 - Presented research at the National Institute of Anthropology and History (INAH) in Mexico City for the Second International Conference for Cultural Patrimony and New Technologies (PCNT)
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Community Service Experience

ALTERNATIVE WINTER BREAK PARTICIPANT

AMBERGRIS CAYE ELEMENTARY SCHOOL; SAN PEDRO TOWN, BELIZE | JAN 2016, 50+ HRS

- Dedicated a week to teaching lesson plans, aiding teachers, and running an after-school program.
- Fundraised through Aramark games and participated in education training.

LUNCH BUDDIES PROGRAM MENTOR

MOUNT VERNON ELEMENTARY SCHOOL; MOUNT VERNON, IOWA | SEPT 2014 - MAY 2016, 1HR/WK

- Visited elementary school student at least once a week during recess and lunch.
 - Shared lunch, conversations, and played games with mentee.
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Leadership Experience

PRESIDENT OF SIGMA KAPPA PSI

CORNELL COLLEGE; MOUNT VERNON, IA | APR 2015 - APR 2016 ; MEMBER SINCE SPRING 2013

- Presided over all group and Executive Council meetings.
- Reviewed group's funds and transactions with officers.
- Completed requirement of at least 50 hours of community service per school year.

PRESIDENT OF CORNELL COLLEGE COMPUTER CLUB

ACM CHAPTER, CORNELL COLLEGE; MOUNT VERNON, IA | APR 2015 - APR 2016

- Presided over all group and Executive Council meetings.
- Proposed projects and reported to Cornell College Student Senate.

RESIDENT ASSISTANT

RESIDENCE LIFE OFFICE; MOUNT VERNON, IA | AUG 2013 - MAY 2014

- Advised and mentored residents; mediated conflicts between roommates and other hall residents.
 - Staffed R.A. office by answering resident queries; checked out items for students using the recreational room and making safety checks for ensuring a secure environment.
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Skills

PROGRAMMING LANGUAGES: EXPERIENCE USING JAVA, C++, SQL, HTML, CSS, JAVASCRIPT.

APPLICATION SOFTWARE: EXPERIENCE WITH MICROSOFT OFFICE SUITE, ADOBE SUITE, 3D MODELING, VIDEO EDITING, WORD PROCESSING, SPREADSHEET, PRESENTATION, AND IDE SOFTWARE.

SYSTEM SOFTWARE: EXPERIENCE WITH WINDOWS, MAC, AND LINUX OPERATING SYSTEMS, TERMINAL/DOS, VIRTUALIZATION SOFTWARE.

HARDWARE: EXPERIENCE REMOVING AND INSTALLING HARDWARE ON DESKTOPS, LAPTOPS, SMARTPHONES, PRINTERS (LARGE-FORMAT, INKJET, 3D), PROJECTORS, RFID Scanners and RFID Tags.

LANGUAGES: ENGLISH & SPANISH (NATIVE FLUENCY).

Certifications & Publications

Technical Support Fundamentals - Issued by Google

March 2018 - Licence Number: BAPHXP558T4F

Co-Author, "Of Software and Sepulchers: Modeling Ancient Tombs from Oaxaca, Mexico", The Journal of interactive Technology & Pedagogy, Feb 2018