

ERIC ZACARIAS

ezacarias@hawk.iit.edu ▪ (708) 673-7802 ▪ Chicago Heights, IL 60411 ▪ www.ericzacarias.tech

EDUCATION

ILLINOIS INSTITUTE OF TECHNOLOGY

AUGUST 2020 – MAY 2022

Bachelor of Science – Computer Science

GPA: 3.64/4.00

- **Course Highlights:** Data Structures and Algorithms, Intro to Algorithms, Programming Languages and Translators, Systems Programming, Mobile Application Development
- **Achievements:** Dean's List Honoree (Spring 2021, Fall 2021, Spring 2022)

SKILLS

COMPUTER LITERACY: PYTHON, JAVA, BASH, JSON, HCL, JQUERY

ENVIRONMENTS: LINUX, WINDOWS

TOOLS: GIT, VIM, AWS, AZURE DEVOPS, TERRAFORM, JENKINS, PACKER

LANGUAGES: SPANISH, ENGLISH

PROFESSIONAL EXPERIENCE

ACCENTURE

CHICAGO, IL

SUMMER ANALYST – TECHNOLOGY DEVELOPMENT PROGRAM

JUNE 2022 – AUG 2022

- Implemented **bash scripts** using **Jquery** to **automate** the cloud transformation of a 10+ year project to **Azure DevOps**
- Utilized the **Azure DevOps Rest API** to query work item data from the platform and upload data to the platform
- Took part in an **Agile** DevOps culture and added to sprint deliverables
- Transferred 100+ **ServiceNow** tickets from Accenture's internal server to the client's **ServiceNow** server while maintaining data and business practices
- Extensively updated **ServiceNow** documentation for internal employees and client employee body

OPTIONS CLEARING CORPORATION

CHICAGO, IL

CLOUD AUTOMATION INTERN

MAY 2021 – NOV 2021

- Configured, tested, and deployed **AWS** resources for development teams using **Terraform** and **Jenkins**
- Automated the management of **AWS** resources using **Lambda**, **CloudFormation**, and **Packer**
- Participated in all aspects of the **CI/CD** process following an Infrastructure as a Service (**IaaS**) model
- Partook in an **Agile/Scrum** culture and contributed to sprint deliverables

PROJECTS

PERSONAL BRANDING WEBSITE *(Personal Project)*

SPRING 2022

- Constructed a personalized website using **HTML**, **CSS**, and **Bootstrap** for the purpose of sharing my story, professional experience, and community involvement
- Configured a domain to host the website for free using the GitHub Student Developer pack
- Shared knowledge on how to build a personal branding website by hosting a professional workshop to over 30 students

DIBSPACE - THE STUDY SPACE APP *(Team Project)*

SPRING 2021

- Utilized and configured the application's backend using the **Python Django Framework** to be able to handle GET and POST requests that are triggered when users submit study room reservations
- Assisted with the integration of the front and back end by contributing to the application's frontend development using **React**
- Constructed and maintained our applications database using **MySQL** and led database testing using **Postman**
- Hosted the DibSpace application on a **Raspberry Pi** using an **Apache** webserver

LEADERSHIP EXPERIENCE

SOCIETY OF HISPANIC PROFESSIONAL ENGINEERS

AUGUST 2021 – PRESENT

TECHNICAL CHAIR

- Established new organization website along with a new hosting platform and domain to cut down annual costs by 60 percent
- Automate time-extensive tasks to reduce workload for Treasurer and Secretary officers by implementing scripts written in Java
- Coordinate and plan professional technical workshops that are tailored to inspire and facilitate professional development for over 40 members (AWS Workshop, Personal Website Building Workshops)