# SANTIAGO MIGUEL RODRIGUEZ NOH

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## EDUCATION

**Faculty of Mathematics of the Autonomous University of Yucatan (UADY)**
Bachelor of Computer Engineering
**GPA:** 3.7/4.0
**Coursework:** Data structure, Algorithms and programming, OOP, Secure Programming, Databases, Operating systems, Switching and routing in networking data, Cibersecurity, Web development, Computer arch, Back-end development, Front-end development, Cloud, Artificial Intelligence, Numerical Methods, Data science, Computer Vision.

**Colegio de Bachilleres Campus Cozumel**
Cisco Networking Academy: CCNA R&S: Introduction to Networks ,CCNA R&S: Routing and Switching Essentials, CCNA R&S: Scaling Networks, CCNA R&S: Connecting Networks.

## EMPLOYMENT

**Back-end developer - The Ksquare Group** (www.theksquaregroup.com) **, Mérida.**         OCTOBER 2021 – PRESENT
- Improved readability and development time of the flugzeug framework code by implementing REST decorators.
- Deployment of CI/CD pipelines through the AWS infrastructure using CloudFormation.
- Collaborate in Node.js/TS projects designing and developing REST APIs supported by the flugzeug framework.
- Publishing node modules in private registries hots in azure devOps improving the way the team share and reuse code.
- Collaborate in the design of microservices boundaries applying best practices in microservices design.
- **Leverage knowledge** in git, Node.js, TypeScrypt, Postgres, JavaScript, React.js, Docker, AWS, npm, bash, Azure, SQLserver.

**Back-end developer - Wincify** (www.wincify.com) **, Mérida.**         NOVEMBER 2020 – SEPTEMBER 2021
- Implementation of REST and GraphQL APIs using Node.js and Docker through the microservices architecture, improving information processing and reducing the workload of the main server.
- Design of tables for SQL databases to find and retrieve information in the fastest and most efficient way.
- Web page development, proposing improvements and making adjustments to existing designs.
- Integration of AWS services for save data and execution of lambda functions.
- **Leverage knowledge** in git, Node.js, MySQL, JavaScript, React.js, Docker, AWS, npm, bash.

**Front-end developer - JCB** (www.jcblibrary.org)**, Rhode Island, United States.**         AUGUST 2020 – NOVEMBER 2020
- Development of an interactive digital exhibition Constellations: Reimagining Celestial Histories in the Early Américas (An international and interdisciplinary collaboration between the John Carter Brown Library and the IIMAS, UNAM).
- Use of text analysis and clustering techniques to find the connections between the different books in the exhibition and achieve a better interpretation for show these relationships at digital exhibition.
- **Leverage knowledge** in git, JavaScript, HTML, CSS, bash, Python.

**Full Stack developer - Coordinación Delegacional de Informática (IMSS) , Mérida.**   JANUARY 2020 – AUGUST 2020
- Implementation of a web application for the management of consultation cards for COVID patients, improving management and allowing the visualization of relevant parameters through graphics.
- Implementation of a web application for the documents management for the department of Social Labor using Node.js and Vue.js, improving the data flow and the management of documents.
- **Leverage knowledge** in git, laravel, PHP, JavaScript, HTML, CSS, bash, MySQL, Node.js, Vue.js, npm.

## LANGUAGES

–English: C1 (CEFR) – Spanish: Native.

## SOFTWARE PROYECTS

**Medical Portal**
- Web application developed using Angular.js, Node.js and Mysql that allows users (patients) to request medical appointments and doctors better manage their daily appointments, supports the creation of consultation links and email notifications.

## SKILLS

- **Languages**: (Proficient):JavaScript/ Node.js, Typescript, Java, Python, SQL, HTML/CSS(Familiar): Bash, Dart, C++, php.
- **Frameworks/Libraries**: (Proficient):Express.js(familiar): Vue.js, Angular.js, Laravel, Flask.
- **Soft skills:** Teamwork, leadership, Self-taught, Analytic, Problem Solving, Leadership, Enthusiastic.
- **Other:**(Proficient): Git, REST, GraphQL, Docker, Linux environments, Scrum (familiar): CI/CD, Pipelines, Nginx, MongoDB.
- **AWS:** (Proficient): S3, EC2 (familiar):Lambda, ECR, IAM, SQS, CloudFormation.
- **Azure:** (Proficient): Api management**,** Azure functions, service bus, account storage