

# Nuno Gomes | Curriculum Vitae

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## Work Experience

<b>Support Engineer</b> - Microsoft Azure PaaS, ARM Vertical <b>Technologies:</b> ARM, Azure Policy, Azure Bicep, PowerShell, ARG	2022-Present
<b>Front-End Developer</b> - Hitachi Solutions Europe All projects were CI/CD. Worked with customers, stakeholders and lead engineer in scoping requirements and slightly contributed in some system's design. <b>Tools:</b> Vue.js, Node.js, Azure	2019-2022

## Academic Background

<b>MSc Electrical and Computer Engineering</b> — FEUP Specialization in Multimedia and Communications	2018-2021
<b>BSc Electrical and Computer Engineering</b> — FEUP Field of Telecommunications, Electronics and Computers.	2014-2019

## Certifications

<b>AZ-900: Microsoft Azure Fundamentals</b> — Microsoft <b>Tech Stack:</b> Core Azure concepts and services   Cloud concepts	2022
<b>Back-End Development and APIs</b> — Free Code Camp <b>Tech Stack:</b> Express.js   MongoDB	2020
<b>Microsoft Office Add-Ins for Developers</b> — LinkedIn Learning <b>Tech Stack:</b> Typescript   Office Javascript API	2020
<b>JavaScript Algorithms and Data Structures Certification</b> — Free Code Camp <b>Technologies:</b> JavaScript   Ajax   JQuery	2017

## Projects

<b>An Analysis of Performance Recipes with C Applications (Master's Thesis)</b> - Profiled performance hotspots in embedded systems and refactored code to improve execution times, energy consumption and cache utilisation. In the end, developed an algorithm to apply these transformations programmatically. Techniques studied include data reuse, loop unrolling, splitting, fission and normalization and specialization of function calls. <b>Tech Stack:</b> C Programming   GPROF   Linux Shell   LARA: JavaScript Based Language	2020-2021
<b>High Performance Embedded Computing</b> - Refactored algorithm hotspots to improve code performance in terms of execution time. See entry on Master's Thesis for more details about this study. <b>Tech Stack:</b> C Programming   San Diego Vision Benchmark Suite   GPROF   Cygwin	2020
<b>House Rental Website Development</b> - Airbnb like website. College project focused on applying various Web concepts to provide simple and consistent user experience. <b>Tech Stack:</b> HTML, CSS, JavaScript, PHP, and SQL (SQLite)   REST API   XML, XSD, RegEx   Basic Cyber-Security concepts	2019