

# Rodrigo Graça

📍 Aveiro, Portugal

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## Projects

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**Insta Squares**, *App for Instagram* [🔗](#) 06/2015 – Present

Instant Squares lets you split/splice your pictures into multiple pieces and upload them directly to Instagram to create a big square or a banner.

- Identified a gap in the market and decided to fill it.
- Conceptualized, developed, marketed, and currently maintain it.
- Built with Ionic/Angular 1, Cordova, and various plugins also JQuery and Sentry.
- Currently has thousands of DAU (Daily Active Users), and 1+ million downloads.

**MUD Game** [🔗](#) 04/2020 – 04/2020

A MUD game with graphical UI. Built in 4 days with no previous experience in Django and Canvas with React.

- Built a graphical UI for the game consisting of a server-side randomly generated map and client-side animated sprites, using HTML 5 Canvas.
- Built with: React, Redux, Canvas, Django, HTML, CSS, JS.
- Code Available on GitHub [🔗](#).

## Skills

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- JavaScript, TypeScript, React, Redux, Jest, NodeJS/Express, Python, SQL, HTML, CSS, Ionic, Git, OOP, Scrum.
- Adaptability, Critical Thinking, Problem-solving, Professionalism, Perseverance, Open Source Experience.

## Professional Experience

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**Gig Club**, *App Developer* 05/2019 – Present

- Developed and maintained one mobile hybrid application for internal use, Aveiro, Portugal
- Built with Ionic/Angular 4 and TypeScript.

**Overpass Apps**, *App Developer* 07/2018 – Present

- Developed and maintained various mobile applications for the Play Store, using Aveiro, Portugal
- Developed and maintained various mobile applications for the Play Store, using Ionic/Angular 4 and TypeScript.
- Analyzed and consequently implemented various new features.
- Worked remotely.

**Freelancing**, *Web & App Developer* 07/2016 – Present

- Developed and optimized various websites. Aveiro, Portugal
- Conceptualized, developed, marketed, and maintained multiple mobile hybrid applications for the Play Store, currently with more than 1 million cumulative downloads.
- Developed and published a Coupons Chrome Extension.
- Contributed to multiple Open Source projects available on **GitHub** [🔗](#).

**EVOKE IT**, *Web Developer* 09/2015 – 07/2016

- Developed micro websites for music festivals and other cultural events. Aveiro, Portugal
- Made various interactive projects such as:
  - Communication between screens and tables through various mechanisms, such as WebSockets.
  - Interaction with sensors (proximity, light, etc).
- Developed hybrid apps (iOS, Android) using Cordova and Ionic technologies.

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| <p><b>Modulus One</b>, <i>Web Developer</i></p> <ul style="list-style-type: none"> <li>• Re-designed a public lighting management system.</li> <li>• Made improvements to said system to increase speed and ease of use:             <ul style="list-style-type: none"> <li>- Used technologies such as AJAX to achieve that goal.</li> <li>- Improved already existing PHP Classes (OOP) following the DRY principles.</li> </ul> </li> </ul> | <p>11/2013 – 08/2015<br/>Aveiro, Portugal</p> |
| <p><b>Viriato &amp; Viriato</b>, <i>Web Developer</i></p> <ul style="list-style-type: none"> <li>• Managed front-end and back-end development for the company's portfolio of client websites.</li> <li>• Evaluated and became knowledgeable in new standards, technologies, and trends in website development.</li> </ul>  | <p>02/2013 – 11/2013<br/>Águeda, Portugal</p> |
| <p><b>Mikroelement</b>, <i>Junior Web Developer</i></p> <ul style="list-style-type: none"> <li>• Planned, developed, tested, deployed, and maintained new features for an in-house Content Management System (CMS).</li> </ul>   | <p>03/2012 – 06/2012<br/>Águeda, Portugal</p> |

## Education

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| <p><b>Lambda School</b>, <i>Full Stack Web Development &amp; Computer Science</i></p> <p>Lambda School: A nine-month, full-time remote CS and software engineering program based in San Francisco, backed by Stripe, Alphabet, and Y Combinator.</p> <ul style="list-style-type: none"> <li>• Learned and used technologies such as JavaScript ES6, React (Redux), Jest.</li> <li>• Built REST APIs using Node/Express.</li> <li>• Python 3, Git.</li> <li>• Hands-on experience building several products using Agile.</li> <li>• Computer Science fundamentals in Python: algorithms, data structures, computational complexity.</li> </ul>   | <p>2019 – 2020<br/>San Francisco, USA</p>     |
| <p><b>ESTGA - Escola Superior de Tecnologia e Gestão de Águeda</b>,<br/><i>Technologies and Programming of Information Systems - EQF level 5</i></p> <p>Skills acquired during this course include:</p> <ul style="list-style-type: none"> <li>• Build IT applications for information systems management.</li> <li>• Design and handle a database to solve business problems and support the respective information systems.</li> <li>• Implement information systems based on web technologies, using classic computer systems and mobile devices.</li> <li>• Configure and manage information systems applications in organizations (ERP, CRM, logistics, etc.).</li> <li>• Design systems integration architectures.</li> <li>• Select the most appropriate technological solutions and the tools to be used in each specific situation.</li> </ul> | <p>11/2013 – 08/2015<br/>Águeda, Portugal</p> |
| <p><b>ESAP - Escola Secundária Adolfo Portela</b>,<br/><i>Computer Systems Management and Programming Technician</i></p> <p>Skills acquired during this course include:</p> <ul style="list-style-type: none"> <li>• Learned the basic concepts of programming.</li> <li>• Learned C++, VB.NET, SQL, PHP, HTML, CSS, JS.</li> <li>• Networking basics, hardware basics, operating systems basics.</li> </ul>  | <p>2009 – 2012<br/>Águeda, Portugal</p>       |