

# ISLAM ANWAR ELHAKMI

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## TECHNICAL SKILLS

- **Programming Languages** : C/C++, Javascript, PHP, Python, SQL, Java, C#.
- **Web Development Skills** : HTML, CSS, Bootstrap, Materialize, JQuery, Vue.js, React.js, Next.js, Laravel, Node.js, Express.js, Socket.io, Laravel Echo, Pusher.js.
- **DBMS** : MySql, MongoDB, PostgreSQL.
- **Operating Systems** : Linux (ubuntu), Windows.
- **Testing** : Jest, PHPUnit.
- **Other Skills** : GIT, LAMP, PM 2(Process Manager), Redis, Cron Jobs, BeautifulSoup4.

## EDUCATION

B.S In Computer Science	Mansoura University	Sep 2017 – Aug 2020 (expected)
<ul style="list-style-type: none"><li>• <b>Relevant Coursework Completed</b>: Intro to Programming in (C/C++); Object-Oriented Programming; Operating Systems; Data Structures and Algorithms Analysis and Design; Database Systems; Web Programming; Software Engineering ; Artificial Intelligence;</li><li>• <b>Projects</b>:<ul style="list-style-type: none"><li>- <b>Hospital Management System</b> : Simple CMS built to facilitate the reservation process between patients and hospitals built with Web Technologies : <b>Laravel (php framework), Bootstrap, Javascript JQuery, MySql DBMS.</b> (<a href="https://github.com/EslamHiko/hospital">https://github.com/EslamHiko/hospital</a>)</li><li>- <b>N-Queen Game</b> : A simple game that has AI system that solves N-Queen problem using <b>Backtracking Algorithm</b> Built With Web Technologies: <b>Javascript, HTML, CSS, Bootstrap, JQuery.</b> (<a href="https://github.com/EslamHiko/n-queen">https://github.com/EslamHiko/n-queen</a>)</li></ul></li></ul>		

## EXPERIENCE

Open Source Development	<a href="https://github.com/EslamHiko">https://github.com/EslamHiko</a>	Mar 2019 – Present
<ul style="list-style-type: none"><li>• <b>Webpack</b>:<ul style="list-style-type: none"><li>- Implemented unit testing using <b>Jest</b>.</li><li>- Developed &amp; Documented 2 new features in <a href="#">webpack-dev-server</a> and <a href="#">webpack.js.org</a>.</li><li>- Worked on investigating issues &amp; solving them.</li></ul></li><li>• <b>OpenCollective</b>:<ul style="list-style-type: none"><li>- Worked on investigating &amp; solving +13 issues in <a href="#">opencollective-api</a> and <a href="#">opencollective-frontend</a>.</li></ul></li><li>• <b>react-change-highlight</b>:<ul style="list-style-type: none"><li>- Contributed to <a href="#">react-change-highlight</a> by solving one critical bug and improving the solution.</li></ul></li></ul>		
Back End Developer	Elryad.com, Mansoura, Egypt	Apr 2018 – Dec 2018
<ul style="list-style-type: none"><li>• <b>Achievements &amp; Responsibilities</b>:<ul style="list-style-type: none"><li>- Developed &amp; maintained +4 Web applications.</li><li>- Developed RESTful APIs for +2 Mobile applications.</li><li>- Deployed Laravel Applications to <b>Cpanel Hosting System</b>.</li><li>- Mentored new engineers by giving advice and sharing tutorials, articles and best practices.</li><li>- Worked on investigating bugs and issues &amp; fixing Them.</li></ul></li></ul>		
Back End Developer	New Yaum, Mansoura, Egypt(Remotely)	Oct 2017 – Feb 2018
<ul style="list-style-type: none"><li>• <b>Achievements &amp; Responsibilities</b>:<ul style="list-style-type: none"><li>- Developed &amp; maintained web applications.</li><li>- Developed Real Time Chat and Notifications Systems Using <b>Socket.io, Node.js, Laravel Echo &amp; Redis</b>.</li><li>- Converted all search pages from <b>form-submitting</b> to <b>AJAX</b> which led to <b>remarkable better performance and better user experience</b>.</li><li>- Developed RESTful APIs.</li><li>- Worked on investigating Bugs and issues &amp; Fixing Them.</li></ul></li></ul>		
Back End Developer	Neoxero, Mansoura, Egypt	Mar 2017 – Dec 2017
<ul style="list-style-type: none"><li>• <b>Achievements &amp; Responsibilities</b>:<ul style="list-style-type: none"><li>- Developed advanced search system with multiple filters using <b>Laravel PHP framework and MySQL</b>.</li><li>- Developed RESTful APIs for Mobile applications.</li><li>- Installed &amp; configured <b>LAMP Stack</b> on <b>ubuntu Server</b>.</li><li>- Deployed Laravel Applications To <b>LAMP Stack Server</b>.</li></ul></li></ul>		

## PERSONAL PROJECTS

- **ClassifyIt** : ClassifyIt is a **Facebook Groups posts Classifier** using **words occurrences count algorithm**. It was built in **2 days hackathon** with **React.js Next.js,Bootstrap** for the Front-End and **Node.js Express** for the Back-End. (<https://github.com/EslamHiko/classify-it>)
- **Prexoo.com** : Prexoo is a social network project built with **PHP(Laravel), Javascript(Vue.js & JQuery), Redis, MySQL** Deployed on a **LAMP Stack Server**. It was launched in Feb 2019 and got **+250 users** and **+1,850 unique visits** from **+50 different countries**. It has many new features that deliver a new & different experience to the users like:
  - Music Player, you can upload music & create playlists & share them with your friends.
  - Real Time Polls, Notifications, Chat Systems.
  - Friends & Followers System, you can add/remove/block friends.
  - Phantom Timeline, you can send & receive anonymous messages.
  - Private Mode, you can make all your posts private with one click.
  - And much more...
- **EGPrices Laptops Scraper** : EGPrices Laptops Scraper is a tool written in **Python (BeautifulSoup4)** to get all available laptops prices in the egyptian market, so we can choose the best laptop for the lowest price. (<https://github.com/EslamHiko/egypt-prices-scraper>)

## ACTIVITIES

- **Student Groups** : Trosc, DevMix, Imagine Community, Resala Charity Organization.
- **Volunteer Experience** : - Helped in organizing Competitive Programming contests on [a2oj.com](#), organizing events and writing technical articles about Web Development.