

Alexander Egerev

Computing and Informatics Specialist

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EXPERIENCE

Glenair Stock MERN Project (working title), Swedesboro, NJ— *IT Contractor/Web Developer*

March 2024 - Present

- Help build an e-commerce website that is almost the same as JRH Electronics ([JRH Electronics—Authorized Electronics Distributor](#)) e-commerce website, but dedicated to the Glenair Stock.
- Utilize MongoDB to obtain data, such as name, series number, etc.
- Utilize React to create the front-end of the page.
- Utilize APIs such as EmailJS and Passport to send emails to customers and encrypt passwords, respectively.
- Utilize CSS to style the website.

JRH Electronics, Swedesboro, NJ— *IT Contractor*

September 2021 - June 2024

Started as an intern; after a six-month period, was hired as a contractor.

- Built e-commerce jrhelec.com ([JRH Electronics—Authorized Electronics Distributor](#)) e-commerce website based on WordPress, PHP, JavaScript, and MySQL.
- Created Python APIs for getting data from vendors and pushing gathered data to the website.
- Participated in a data extraction process from the company's SAP system for the website.
- Wrote Excel VBA functions for exchanging data and creating files for uploading to the website.
- Uploaded new materials to the website and updated existing materials with live data.

eDataRun, Cherry Hill, NJ— *Volunteer Assistant Developer*

June 2016 - August 2020

- Assisted with developing an Android, Java-based, secured texting app in Google Play.

SKILLS

- Knowledge of business, programming, and application software for a business/organizational IT environment
- Analysis and design of information systems and database solutions
- Applying state-of-the-art programming techniques and application software to solve business/organizational information systems issues

PROGRAMMING LANGUAGES/SKILLS

Java; C++; PHP; VBA; Python; R; MatLab, TML5, CSS3, JavaScript, jQuery, command line, API consumption, Node.js server code, MySQL, NoSQL databases, MongoDB, progressive web applications (PWAs), React, GitHub, MERN.

LANGUAGES

- English (native fluency)
- Spanish (advanced)
- Russian (advanced)

Cherry Hill Public Library, Cherry Hill, NJ — *Volunteer Library Assistant*

June 2015 - August 2015

- Updated library database with customer information.
- Responded to customer inquiries and assisted customers with prize redemption.

EDUCATION

Massachusetts Institute of Technology — *MERN Stack Boot Camp certification*

May 2024 - Present

University of Pennsylvania, College of Liberal and Professional Studies (LPS) — *Coding Boot Camp certification*

September 2023 - March 2024

Rowan University, Glassboro, NJ — *B.A. in Computing and Informatics*

Concentration in Mobile Development; minor in Spanish

September 2020 - May 2023

GPA: 3.97

Camden County College, Blackwood, NJ — *Associate in Applied Science - Computer Information Systems*

June 2016 - August 2020

GPA: 3.79