Dario Thornhill

Software Solutions Architect and Coding Instructor

Computer Science is not merely the study of machines but the study of problem solving. I am passionate about developing developers as well as learning new skills.

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TECHNICAL SKILLS

Programming Languages	Python, Javascript, HTML, CSS, Java, C#, PHP	**Programming Concepts**	TDD, Dynamic Programming,Object Oriented Programming, Design Patterns, Functional Programming
Frameworks	Django, Flask, Reactjs, GraphQL, Express, Serverless, Laravel, Silex, Angular JS, Codeigniter, KoaJs, Spring	**Cloud**	AWS, Firebase, Azure, Heroku, Digital Ocean
SysOps	Python Scripting, Bash, .Net core, LAMP, MERN, Linux Admin(Debian & Redhat), Vagrant , Docker, Terraform	**Version Control and Code Quality**	Git, Subversion, Pytest, Mypy, Eslint, Jest, JUnit, PHPUnit,

TEACHING EXPERIENCE

Code 101, 102, 201
Source Code Developer Academy | Powered by Code Fellows

02/2019 - 09/2019   *Bridgetown, Barbados*

Course Material

- Exploring Software development with HTML, CSS
- Introduction to Software Development with Javascript
- Foundations of Software Development HTML, CSS, Javascript

Contact: sjoseph-husband@tenhabitat.com - Silvana Joseph-Husbands

WORK EXPERIENCE

Head of Platform and Infrastructure
Global Tutoring Hub Inc.

01/2019 - Present   *Bridgetown, Barbados (Remote)*

EdTech startup focused on improving e-learning outcomes with the aid of machine learning

Achievements/Tasks

- Oversee all aspects of cloud infrastructure and platform development.
- Implement Hidden Markov models using Python 3.
- Implement backend apis using Python 3 and Django.
- Periodically train interns in Python, Git, Django, Docker and AWS Cloud technologies.

Contact: Michael Husbands - mhusbands@gloablturoinghub.com

WORK EXPERIENCE

Full Stack Engineer (Contract)
Essentra Software LLC

10/2019 - Present   *San Antonio, Texas (Remote)*
Web based application solutions provider
Achievements/Tasks

- Develop solutions using primarily Drupal, Laraval, ReactJs, VueJs.
- Lifetime Vintage - Integrated bespoke Laravel and VueJs web application with Shopify and Square Space.
- Heavy Periods - Implemented client's design using Acquia Cohesion.
- Jeweler's Mutual - Implemented VueJs component for calculating insurance estimates, Integrated Acquia Lift Personalisation service with Hubspot.

Contact: Damien Blackman - dblackman@essentrasoftware.com

Full Stack Javascript Engineer (Contract)
Prepaired Ltd.

11/2019 - Present   *London, United Kingdom (Remote)*
EdTech startup
Achievements/Tasks

- Implement web application UI using Material UI and ReactJs based on Figma Design.
- Implement web application logic in ReactJS, Apollo GraphQL, NodeJs and MongoDB.
- Successfully delivered MVP on time.

Contact: Balint Jakabos - balint.jakabos@gmail.com

Solutions Architect (Contract)
Kitji Studios

09/2020 - 11/2020   *Bridgetown, Barbados (Remote)*
.NET based solutions provider
Achievements/Tasks

- Review and contribute to project proposals.
- Architect solutions to client's business problems.
- Implement business logic in C#.
- Implement UI in HTML, CSS ReactJS.

Contact: Shayne Marshall - smarshall@kitjistudios.com

Full Stack and Mobile Engineer (Contract)
Caribbean Transit Solutions Inc

07/2020 - 12/2020   *Bridgetown Barbados (Remote)*
Location Based Services Solutions Provider
Achievements/Tasks

- Implement UI design from sketch using React Native.
- Introduce development team to best practices and Agile software development.
- Implement location based business logic using, Firebase, React Native, Open Trip Planner and Google Maps API.
- Develop MVP web based application for crowd sourcing location tied information.
- Develop internal business tools.

Contact: Khalil Bryan - khalil@caribbeantsi.com

WORK EXPERIENCE

Lead Instructor
Source Code Developer Academy | Powered by Code Fellows

02/2019 - 09/2019   *Bridgetown, Barbados*

Responsibilities

- Training with Code Fellows for delivering Code 101, 102, 201, 301 and 401.
- Coordination, supervision, management and instruction of coding courses.
- Oversee preparation and training of teaching assistants.
- Work with Code Fellows to ensure compliance with standards and course delivery requirements.
- Provide admissions support with preparing students for their courses.
- Build relationships with hiring partners and industry connections.

Contact: Silvana Joseph-Husbands - sjoseph-husband@tenhabitat.com

Senior Developer
Hyuna International Ltd.

06/2017 - 10/2018   *Bridgetown, Barbados*

Responsibilities

- Ensure team meets KPIs.
- Manage remote development team.
- Oversee aspects of product delivery.
- Evaluating subordinate employees. Handling change requests and communicating updates to external partners.
- Be responsible for the overall planning, executon and success of complex technical projects.

Contact: Mahees Ishaq - mahees.ishaq

Intermediate Application Developer
Hyuna International Ltd.

11/2015 - 06/2017   *Bridgetown, Barbados*

Achievements/Tasks

- Integrated unit tests into legacy projects increasing code coverage from 0% to 100% on new features.
- Migrated legacy projects to up to date runtimes to mitigate security threats.
- Designed and implemented staging solution which increased testing capacity by 1000%.
- Designed and implemented Google Analytics experiments which resulted in increased revenue.
- Resolved issues which resulted in service outtages being reduced to approximately 1/12th of previous norm.
- Implemented application features across projects in PHP and Nodejs.

Contact: Mahees Ishaq - mahees.ishaq@hyuna.bb

Police Constable
Royal Barbados Police Force

05/2008 - 11/2015   *Bridgetown, Barbados*

Achievements/Tasks

- Designed and Implemented Web Applications for HR Department.
- Designed and Implemented Queries and Report related to trends of interest to the Administration of the Police Force.
- Trained in Cyber Crime Investigations and Forensic Collection of Digital Evidence.

EDUCATION

Bsc. Computer Science (Double Major)
University of The West Indies

09/2011 - 07/2015   *Bridgetown, Barbados*

Courses

- Algorithms Design and Ananlysis
- Artificial Intelligence
- Computer and Network Security
- Software Engineering

SOFT SKILLS

Approachability   Communicative   Mentoring   Convergent Thinking (Consolidation)

SOFT SKILLS

Divergent Thinking (Exploration)   Critical Thinking   Problem Solving   Conflict Resolution   Innovation   Agility

Transparency   Team Work

INTERESTS

Teaching   Coding   Gaming   Sailing   Traveling   Automation   Data Science   Cyber Security   EdTech

Meeting Awesome People