DAVID J. MURPHY

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ACHIEVEMENTS

* **Zahn Innovation Center Venture Competition,** **1st place winner** of the $25,000 grand prize under Zahn Innovation’s Technology Track for the development and deployment of an iOS application. People’s Choice Award– nominated for best software, $1000 prize.
* **Johnson & Johnson Digital Beauty QuickFire Challenge,** **Top 5 Finalist**. An international tech challenge sponsored by Johnson & Johnson Innovation, JLABS, and Johnson & Johnson Consumer Inc.
* **MassChallenge Accelerator Challenge – Boston,** **Round 2 Finalist.** Invited to pitch Skinno’s mobile computer vision

RELATED JOB EXPERIENCE

**(F/T)** **Database Administrator – Molloy University** [JAN ’22 – **PRESENT]**

* **Inherit all responsibilities from the former Lead Applications Developer role**
* Provide troubleshooting and problem solving in identifying, researching, scripting, analyzing, and implementing databases
* **Migrate Jenzabar ERP system** **and** **upgrade its Internet Campus Solution (JICS-CRM)** in a Microsoft Azure environment. Manage the migration of integral SQL servers & services.

**(F/T) Lead Applications Developer – Molloy University** [FEB ’21 – JAN ‘22]

* Responsible for software design, development, documentation, deployment, implementation, training, and ongoing support
* **Lead meetings with administration, vendors, and professors** to define problem statements, to update project stakeholders, and to train users before deployment.
* **Design, develop (full-stack), deploy & implement** **Scholarship Customer Relationship Management** (**Collaborative** **CRM**) software with several teams and departments. Setup several layers of authorization integration points and channel management pipelines to organize & centralize interdepartmental and student-admin communication.
* **Design, develop (full-stack), deploy & implement** **a COVID-19 questionnaire** **web and mobile (React Native) applications**. Sequester sensitive student information in compliance with current HIPPA, FERPA requirements.

**(F/T) Applications Developer/Implementation Specialist – Molloy University** [JUNE ‘18 – FEB ‘21]

* **Design, develop (full-stack), deploy & implement** an **intranet** **Data Dashboard SAAS** that improves organizational effectiveness of the university by plotting the cartesian product of query requests in a GUI.
* **Design, develop (full-stack), deploy & implement** **a job-listing web service** that utilizes server-side libraries to automatically parse & format .docx job templates into finished job listings.

**(P/T) Board-Certified Robotics Advisor – George W. Hewlett High School** [SEPT ‘17 – MAR ‘21]

* Teach hardware via hands-on training and software concepts via Eclipse and Android Studio to three teams of over fifty high school students.
* All teams advanced to the Long Island FIRST Regionals; thereafter, one advanced to the North-Eastern Super Regionals.

**(F/T) Co-Founder & Chief Technology Officer – Skinno Inc.** [NOV ‘17 – JUNE ‘18]

* **As Co-Founder & CTO of Skinno Inc, successfully pitch the company’s machine learning technology to investors:** *Howard Morgan, Sandford Wollman, Noel Goddard, Chuck Pettid, Kimberly Yarnell...*
* **Develop all aspects of Skinno's multi-platform service, including a web and mobile application for iOS devices**. Monitor technology trends – especially those related to machine learning and UI/UX – to improve the company’s technology, marketing efficacy, and audience retention & acquisition.
* **Coordinate with UI/UX designer** to develop (full-stack) and publish Skinno’s open beta iOS mobile app onto the App Store.
* Technology: Skinno utilizes both client-side (Google Vision) and server-side machine learning via **optical character recognition (OCR)** to scan skincare product labels and instantly translate esoteric ingredients in real-time.

LANGUAGES, SERVICES, & ABILITIES

* **Expert*:*** JS ES5/ES6/ES7 | React | Node.js/Express | MySQL | MsSQL | MongoDB | Mongoose | Microsoft IIS | npm | Git/Github | HTML5 | CSS3/SCSS | CRUD | REST | OOP | MVC
* **Proficient*:*** Swift | Xcode | Android Studio | React Native | OCR
* **PriorExperience:** jQuery | C++ | Java | PHP | R | Google Firebase | Google Firestore | AWS EC2 | Heroku

EDUCATION INFORMATION

* **BA in Computer Science** (Molloy University) | **GPA: 3.49 | Dean’s List – 2 semesters**
* **BA in English Literature – Minor in Biology** (SUNY Geneseo) | **GPA: 3.46 | Dean’s List – 3 semesters**