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
- – **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
- – **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 OCR) 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

- - **Prior Experience:** 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**