**Kenny Trinh**

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**git.generalassemb.ly/kennytrinh**

**Technical Skills**

* **Languages & framework**: JavaScript| HTML | CSS | jQuery |Visual Basics | MatLab | mongoose | Express | Node
* **Management & Deployment**: Trello | Git | Github | Heroku | Command Line
* **Databases**: MongoDB, MySQL, PostgreSQL
* **Methodologies**: Object Oriented Programming| Lean Six Sigma
* **Software**: Microsoft Office| MatLab| Aspen/Hysys| MiniTab| GnuPlot| Visual Studio Code|

**Technical Projects**

*Fighting game with user generated characters*

<https://ga-fighters.herokuapp.com/> || <https://git.generalassemb.ly/kennytrinh/fighter>

* Date: 01/2021
  + Users can sign up, login and create characters to battle other characters created by other users
  + Records player play-style to customize AI.
  + Full stack MEEN application (MongoDB, Express, EJS, & Node)
  + Deployed on Heroku

*Pet Simulator*

<https://tomagotchi.herokuapp.com/> || <https://pages.git.generalassemb.ly/kennytrinh/tomagotchi/>

* Date: 01/2021
  + Simulates pet with needs such as hunger, tiredness and boredom.
  + Full stack MEEN application (MongoDB, Express, React, & Node)
  + Deployed on Heroku

*Shell Deer Park Amine Water Tank*

* Date: 10/2019
  + Coordinated and supervised over $1,000,000 amine water treatment and disposal project on multiple storage tanks
  + Optimized process improving output by 70%
  + Develop training documentation
  + Perform on site repairs and calibrations

**Professional Experience**

**Vapor Control Management Engineer July 2018 – March 2020**

*HydroChemPSC*

* Developed Excel macro to calculate and report EPA compliant emissions reports. Eliminating user errors on calculations and infrastructure reducing time and labor cost on reporting up to 60%.
* Trained 6 operators on proper procedures operating vapor combustors.
* Maintained and repaired liquid scrubbers, thermal oxidizers and chemical injectors.
* Conducted job loss analysis for new and continuing operations prevent or eliminating risk.
* Provided technical consultation to plants and refinery for vapor control management.

**Executive Assistant Jan 2018 – July 2018**

*Executive Wealth Management*

* Developed JavaScript program to automatically screen clients for custom requirement and delivered tailored inquiries though LinkedIn integration.
* Maintain and improved company’s technologic infrastructure.
* Reworked and update client registry improving communications to our services and or clients

**Biomedical and Engineering Interdisciplinary Research Lead Programmer May 2016 – Jun 2017**

*University of South Alabama*

* Coordinated with Dr. Silas Leavesley, Ph.D. and Dr. Thomas Rich, Ph.D. in cancer, microparticles, and interdisciplinary biomedical research using various coding, mathematical, and physical concepts.
* Coded computer program to apply mathematical models to hyperspectral images.
* Reduce memory usage of program 50% and improve processing speed 17% without any loss in quality.

**Summary**

Chemical Engineer with TWIC and prior experience working within Shell refinery and pipeline locations. Highly proficient with developing and utilizing spreadsheet. Certified Lean Six Sigma Green Belt, allowing for continuous process improvement using objective statistical analysis for determining threats and optimizing opportunities for increasing value-added business objectives.

**EDUCATION**

**University of South Alabama College of Engineering**

*Bachelor of Science in Chemical Engineering (2013-2017)*

*Magna Cum Laude* GPA: 3.8/4.0

**🞟** Chemistry Minor **🞟** Mathematics Minor **🞟** Physics Minor

**Craft Certified John Zink Vapor Combustion Technician**

**Lean Six Sigma Green Belt**

**General Assembly Bootcamp**

*Software Engineering Immersive 11/2020-03/2021*

*Magna Cum Laude* GPA: 3.8/4.0

**🞟** Chemistry Minor **🞟** Mathematics Minor **🞟** Physics Minor