**Bennett Thomas Dierckman**

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<http://mjyintl.com/BennettDierckman/>

EDUCATION

**Indiana University**, Bloomington, IN, **Major:** Informatics

**School of Informatics and Computing** **Cognate:** Human Computer Interaction Design

**Graduated:** Spring 2018 **Undergrad GPA: 3.06**

EXPERIENCE

**Developer, VBMA Attendance Tracking Web Application (August 2018 – October 2018)**

* Communicated with the Veterinary Business Management Association to determine system requirements
* Established privileges for different user types (Administrator, Region Leaders, Chapter Leaders & Students)
* Conducted usability tests and quality assurance
* Demo Video: <https://youtu.be/mveBoeQ7QDw>

**Independent Web Developer, Mardin J. Yadegar International (Summer 2017 – Present)**

* Create and host responsive, search engine optimized websites with bootstrap
* Design reliable mobile-first sites that are screen-reader and color-deficient friendly.
* Assure that the visitor is not overwhelmed but enticed by the content and its arrangement
* Sites: [www.mysticimagestattoo.com](http://www.mysticimagestattoo.com) | [www.donerightinc90.com](http://www.donerightinc90.com) |  [www.alexandersons.com](http://mjyintl.com/AlexanderAndSons/) | [www.theglassmule.com](http://www.theglassmule.com)

**Lead Programmer, Clutch Tunes Android Application (Fall 2017 – Summer 2018)**

* Designed activities and fragments
* In charge of data sanitation/validation and constructed MySQL Database
* Team Leader: taught peers how to use GitHub command line to maximize productivity while working remotely, dependable resource for teammates

TECHNICAL SKILLS

Programing Languages: Python, SQL, PHP, Java (eclipse & android)

Web: Responsive Design (bootstrap), photo gallery/portfolio representation

Security: Input Validation (various languages), DNS Takeovers (multiple platforms), Scanning for cross-site scripting and SQL injection

ACADEMIC PROJECTS

Android Application (Capstone Project)

* Clutch Tunes utilizes YouTube’s API to afford its users a unique collaborative playlist experience
* A user can host a party, set a title, password, and radius that other users must be within to join
* Users attending a party can search for YouTube videos to add to the playlist and can like or dislike already added videos
* The hosts phone will play the YouTube videos in descending order of likes. If the ratio of dislikes to number of people attending is too high, the song will be ejected from the playlist.
* Users can additionally bookmark songs to their profile to watch again later or share with friends

<https://github.com/BennettDierckman/Clutch-Tunes>

<https://www.youtube.com/watch?v=FO-EpAkmnuA>

Java Ordering System (Senior Year)

* JavaFX project with GUI’s that allow the user to add customer labels and items to an order list. The date the order is created is noted and is displayed in an unfilled order list until the user fills the order via date picker. Orders and customers are saved in .ser files so users can pick up where they left off.

<https://github.com/BennettDierckman/Thneed-Ordering-System>

Managing Information Technology Website (Sophomore Year)

* This website contains four projects regarding information technology processes and policies.

http://mjyintl.com/Dierckman\_IU/home.html

AWARDS

Carmel High School Swimming & Diving State Champion: Diver’s Positive Mental Attitude Award Recipient