

Tudor Popescu

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EDUCATION

- **University of Houston** Houston, TX
Bachelor's in Computer Science; GPA: 3.75
Courses: Software Development Practices, Software Design, Ubiquitous Computing (iOS design), Data Science.
May 2020 - Aug 2022
- **Lonestar Community College** Houston, TX
Associates of Science; Aug 2017 - Dec 2019

SKILLS SUMMARY

- **Skills:** iOS development, web development, Agile Methodologies (Test Driven Development)
- **Languages:** JavaScript, C++, Python, Swift, SQL, R, Java, C, HTML/CSS
- **Technologies:** ReactJS, NodeJS, Express, AWS(S3, Cloudfront, EC2), Jest, MySQL, Mocha, sklearn, Pandas, Numpys
- **Tools:** Visual Studio Code, Anaconda, MySQL Workbench, RStudio, XCode, GitHub Desktop

ACADEMIC PROJECTS

- **My Budget App (iOS App):** Developed an iOS application used to keep track of your spending budget every month. User makes a budget and can quickly add expenses on the go. Written in Swift using Xcode. (Nov 2021)
- **Restaurant Reservation App (Web Development):** A ReactJS full stack web application for making online reservations to a restaurant. Group project using the Test Driven Development Agile methodology. Written in JavaScript, CSS and HTML. For testing we used the Mocha. I was personally responsible for designing, developing and testing of the reservation page, along with the table picker. (May 2022)
- **Breast Cancer Model (Data Science):** The breast cancer dataset was analyzed and organized. We ran logistic regression and random forest models to get the best prediction accuracy. We were able to predict with 94 percent accuracy if a tumor was malignant or benign (Jul 2022)
Link: <https://github.com/Tpopescu33/DataScience/blob/main/FinalProject.ipynb>

EXPERIENCE

- **FlowCo Production Solutions** Houston, TX
Solder Technician *Feb 2015 - Current*
 - **Soldering:** Responsible for soldering Gaslift Valves using an induction soldering method. Solder joint must be able to withstand 5000 psi. Helped test and perfect method for achieving a failure rate of less than 0.01 percent.
 - **Manufacturing and testing:** Assembled and set gaslift valve. Valves are injected with nitrogen and set at a test pressure, usually 1500 psi, they must be within 10psi after hydrotest at 5000psi.
- **PCS Ferguson** Houston, TX
Shipping Manager *June 2014 - December 2014*
 - **Shipping and Receiving:** Coordinated small package's, LTL and FTL shipments
- **Flight Director Inc** Austin, TX
Shipping Manager *Jun 2007 - May 2014*
 - **Shipping and Receiving:**
 - Coordinated small package's, LTL and FTL shipments all over the world (from small boxes to Jumbo Jet engines)
 - Managed a small team of warehouse employees

HONORS AND AWARDS

- Deans List
- Graduated Magna Cum Laude

REFERENCES

- Adolfo Leon - Warehouse Manager, FlowCo Production Solutions - 832-951-4584
- Alfredo Sanchez - Supervisor, FlowCo Production Solutions - 832-971-5692
- Victor Dogaru - Mentor, Software Engineer - Meta/Facebook, vdogaru@gmail.com