
Austin, TX	University of Texas at Austin – CSB Program	Graduating May 2026
<ul style="list-style-type: none">BS in Computer Science Honors and BBA in Business Honors Program (BHP)<i>Relevant Courses:</i> Data Structures [H], Discrete Math [H], Calculus I-III, Longhorn Startup Seminar<i>Activities:</i> UT Programming Contest, Freetail Hackers, IEEE Robotics & Automation Society, CSB Association		
Frisco, TX	Centennial High School	2017-2021
<ul style="list-style-type: none">5.47/6.00 Weighted GPA, 4.00/4.00 Unweighted GPA, 35/36 ACT Score, 800 SAT Math II<i>Relevant Courses:</i> AP Calc BC, AP Physics I/II/C, Advanced Computer Science/Video Game Design, Mobile Programming<i>Activities:</i> Mu Alpha Theta*, Business Professionals of America, DECA*, Computer Science UIL Team* (* - Leadership Role)		

EXPERIENCE

Kalvi Prep (E-Learning Startup) <i>Product Developer</i> www.kalviprep.com Frisco, TX	Summer 2021 – Fall 2021
<ul style="list-style-type: none">Developed active web application that received 25K+ page visits and accrued over 2.3K student interest form signupsUpdated current website with new database form and mobile app features using React NativeCreated institute's 32-week AP Computer Science and Intermediate/Advanced Java course to over 600 registered students	
University of Texas at Dallas AI Labs <i>ML Research Intern</i> StockBot-GitHub Research Paper Richardson, TX	Summer 2020
<ul style="list-style-type: none">Explored various classifications, regressions, and algorithmic concepts with undergraduates under Dr. Anurag NagarTrained a dynamic ARIMA-LSTM neural network model using Tensorflow and Keras to predict several stocks' price trendsARIMA-LSTM outperformed pre-existing models with over 71% improved prediction accuracy and minimal fitting errorConstructed a DQN reinforced learning agent called StockBot and led its experiments in simulating stock trading	
Allstate Insurance <i>Cybersecurity Risk Analyst Intern</i> Frisco, TX	Summer 2019
<ul style="list-style-type: none">Shadowed senior security team members on handling policy requests, audits, and patch updates to company softwareImplemented firewall security measures (firemon), python, and CompTia Security+ daily to monitor servers and networksWorked on sales and customer support team separately and successfully handled 350+ insurance policy requests	

PROJECTS - Check out [abhinavkolli03.github.io](https://github.com/abhinavkolli03) or [Github](#) for more projects

Algorimage <i>Founder & Full Stack Developer</i>
<ul style="list-style-type: none">Developed an interactive algorithm visualizer for pathfinding, sorting and searching algorithmsCurrently maintaining the website to include tree traversal diagrams based on popular demand of usersImplemented with React.JS and currently deploying the site using Heroku
Machine Learning and Data Analysis Series <i>Data Analyst and Author</i>
<ul style="list-style-type: none">Authored a series of Jupyter notebooks analyzing Kaggle datasets and applying supervised and unsupervised ML modelsDeploying blog to detail journals and data interpretations through MERN-stack application
Messenger <i>Game Developer</i>
<ul style="list-style-type: none">Created a C# VSCode "Galaga"-inspired game where users play three levels as a fighter ship before facing the final boss

LEADERSHIP

UT CSBA Pitchathon <i>Logistics Director</i> Austin, TX (Remote)	Fall 2021 – Present
<ul style="list-style-type: none">Confirmed venue space, pitched sponsor packages to three local companies, and organized catering with food sponsors	
initializeChange() (E-Learning Non-Profit) <i>Co-Founder</i> Dallas, TX	Summer 2019 – Summer 2021
<ul style="list-style-type: none">Hosted over 240 hours of individualized mentoring on hackathon-related programming frameworks and languagesPartnered with National Tech Administration in organizing 9 workshops, HackCOVID, and Techspire accelerator programLed a beginner Swift iOS and MIT App Inventor bootcamp to 25 students for two months	

ADDITIONAL EXPERIENCE & AWARDS

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- USA Computing Olympiad Gold (2020) – Promoted to gold after achieving perfect score in the International US Open
 - [HackSMU](#) (2020) – 1st place State Farm sponsor award for creating a dynamic traffic management Flutter prototype that identifies and maps out areas of high road-side accidents or danger zones
 - [EarthXHack](#) (2019) – 2nd place nationwide State Farm and Oxy sponsor awards for designing a Swift-based app that uses IoT sensor-based infrared radar and drone remote access to identify farmland with low water concentration

SKILLS & INTERESTS

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- Languages/Databases:* Python, Java, JavaScript, TypeScript, C++, C#, HTML, CSS, Sass, MySQL, MongoDB, Swift
 - Frameworks:* React.js, Node.js, Bootstrap, Flask, Django, Selenium, Tensorflow, Keras
 - Libraries:* Numpy, Pandas, OpenCV, Scikit-Learn, Redux, MaterialUI
 - Tools & Design:* AWS, Git, Firebase, Heroku, Trello, Sketch, Figma
 - Interests:* Cooking, Weightlifting, Fantasy Football, Videogame and 3D Arts Design, Stock Portfolio Management