

IOS & AI Developer IOS & AI Developer IOS & AI Developer - Drexel University Philadelphia, PA
Bachelor of Science, Computer Science, AI & HCI Track GPA: 3.81 Honors: Dean's List - 2015 -
2019, AJ Drexel Scholarship - 2015 - 2019 Professional Crowds, Inc., Philadelphia, PA Sept 2018
- Present Work Experience IOS & AI Developer Drexel University - Philadelphia, PA September
2016 to Present IOS & AI Developer Oversee development and testing of Crowds, an iOS app
which allows users to review the crowd level in cafes, bars, restaurants, and other public venues.
Create machine learning models using point of sale data and regression and KNN algorithms to
predict sales. Drexel University, Philadelphia, PA Sept 2016 - Present Teaching Assistant Serve
as a Teaching Assistant for several Computer Science courses, including Data Structures, Web
Programming, and Programming Language Concepts. Assist professors with lesson planning,
classroom management, and student engagement; serve as a liaison between students and faculty.
Conduct regular office hours to provide additional assistance to students. Create grading rubrics
for assignments and assist in grading assignments and exams. Application Developer Perelman
School of Medicine, University of Pennsylvania - Philadelphia, PA April 2018 to September 2018
Created command line interfaces, data processing pipelines, and unit tests for CaPTk, a
comprehensive cancer imaging analytics suite of algorithms which derives extensive panels of
quantitative imaging features and integrates the panels into diagnostic and predictive models.
Selected Achievements: Coordinated with data analysts and researchers to create data
processing script in Python, which significantly reduced data complexity and memory consumption,
and decreased processing times from days to hours. Reorganized legacy applications; created a
continuous integration environment and re-factored outdated code to update dependencies and
allow for further development. Front-End Developer Brandywine Global Investment - Philadelphia,
PA May 2017 to March 2018 Developed APIs and data extraction tools used for system inventory,
DevOps automation, and batch jobs. Created an information portal using HTML, CSS, Javascript,
and Angular to allow business teams to communicate with the development team regarding project
status and project alerts. Selected Achievements: Assisted in completing a time-sensitive data
exploration/extraction project using NumPy and pandas libraries. Web Developer Bristol-Myers

Squibb - Pennington, NJ March 2016 to September 2016 Created user interfaces and portals for internal databases using HTML, CSS, and AngularJS to allow for a shift from manual table entries to API, which reduced bugs and time consumption. Created monthly and quarterly dashboards to visualize data received from the business department in Java. Technical Programming Languages: C#, C++, C, Python, Java, Swift, JavaScript, J2EE Skills: Databases: MySQL, DynamoDB, Redshift, MS Access, PostGRESql Frameworks / Libraries: Node.js, Express.js, React/React Native, ASP.NET, jQuery, Angular, Bootstrap Tools / Technologies: Git, Hibernate, Springboot, AWS, Pytorch, Visual Studio, XCode, Android Studio Education Drexel University - Philadelphia, PA 2019 Skills Visual studio, Android studio, Git, Bootstrap, Node.js Links <http://linkedin.com/in/amitbhattarai>

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