# DDL SCRIPTS

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| **name** | **sql** |
| Takes | CREATE TABLE Takes(  studentID integer primary key,  internshipID integer,  FOREIGN KEY (studentID) REFERENCES Student (studentID),  FOREIGN KEY (internshipID) REFERENCES Internship (internshipID)  ) |
| Company | CREATE TABLE Company(  companyID integer primary key,  companyNAme text NOT NULL,  address text NOT NULL,  linkToWeb text NOT NULL  ) |
| Name | CREATE TABLE Name(  personID integer NOT NULL,  firstName varchar(30) NOT NULL,  middlename varchar(30),  lastName varchar(30) NOT NULL,  FOREIGN KEY(PersonID) references Person(personID) ON DELETE CASCADE  ) |
| Person | CREATE TABLE Person(  personID integer PRIMARY KEY,  gender varchar(12),  dateOfBirth Date NOT NULL,  phoneNUmber integer NOT NULL,  email text NOT NULL,  CONSTRAINT chck\_gender check ( gender = 'Male' or gender = 'Female' or gender = 'Non-Binary')  ) |
| Major | CREATE TABLE Major (  majorID integer primary key,  minorID integer,  majorName varchar(30),  FOREIGN KEY (minorID) references Major(majorId)  ) |
| Address | CREATE TABLE Address(  personID integer,  street varchar(50) NOT NULL,  city varchar(50) NOT NULL,  State varchar(50) NOT NULL,  zipCode integer NOT NULL, FOREIGN KEY(personID) references Person(personID) ON DELETE CASCADE  ) |
| Hires | CREATE TABLE Hires (  studentID integer PRIMARY KEY,  companyID integer NOT NULL,  startDate date NOT NULL,  endDate date NOT NULL,  FOREIGN KEY (studentID) REFERENCES Student (studentID),  FOREIGN KEY (companyID) REFERENCES Company (companyID)  ) |
| Internship | CREATE TABLE Internship (  internshipID integer PRIMARY KEY,  jobTitle text NOT NULL,  jobDesc text, salary float (2),  ft\_or\_pt text, os\_or\_re text,  requirement text  ) |
| Offers | CREATE TABLE Offers (  companyID integer NOT NULL,  internshipID integer NOT NULL,  FOREIGN KEY (companyID) REFERENCES Company (companyID),  FOREIGN KEY (internshipID) REFERENCES Internship (internshipID)  ) |
| Student | CREATE TABLE Student (  studentID integer PRIMARY KEY,  skills text NOT NULL,  majorID integer NOT NULL,  minorID integer NOT NULL,  FOREIGN KEY (studentID) REFERENCES Person (personID)  FOREIGN KEY (majorID) REFERENCES Major(majorID)  FOREIGN KEY (minorID) REFERENCES Major(minorID)  ) |
| Apple | select companyName  from Company  where companyName = 'Apple' |
| Apple\_Display | select Internship.jobTitle, Company.companyNAme  from Internship  join Offers on Internship.internshipID = Offers.internshipID  join Company on Offers.companyID = Company.companyID  where Company.companyNAme = 'Apple' |
| Good\_Salary | select jobTitle, salary  from Internship  where salary > 40000  group by salary  order by salary desc |
| SEmajor | select personID  from Person  inner join Major  on Person.personID = Major.majorID  where majorName = 'Software Engineer' |