JOSHUA KARPER

UNIVERSITY STUDENT | DEVELOPER

✉ karperj@umd.edu
🌐 josh.dk
📞 (732) - 915 - 8175
📍 College Park, Maryland
⌨ josh-ua

▸ SUMMARY

Second year college student looking for an internship in the Computer Science field in order to innovate, learn and create new things.

▸ EDUCATION

University of Maryland, College Park
B.S. Computer Science 2019
Relevant Courses: Information Systems, Object Oriented Programming, Discrete Mathematics
GPA: 3.3/4.0

▸ SKILLS

LANGUAGES: Java (Proficient), Python (Familiar), JavaScript (Familiar), Ruby (Beginner)
DESIGN: Adobe Photoshop, Adobe InDesign, Bootstrap Framework, HTML/CSS
OPERATING SYSTEMS: Windows, macOS, Linux (Debian, Ubuntu)

▸ RELEVANT EXPERIENCE

SOFTWARE QUALITY ASSURANCE INTERN
IdeaCrew, Washington DC   Oct 2016 to Current
- Assist in maintaining a Ruby on Rails application that aids millions of DC residents in purchasing health benefits
- Utilize the Software Development Life Cycle process to ensure features are working as expected
- Coordinate with stakeholders to identify and ensure software flaws are fixed

IT SPECIALIST
University of Maryland Department of Economics, College Park MD   Mar 2016 to Oct 2016
- Extended Google Sheets with Google's AppScript to develop a notification-driven inventory system
- Used Visual Basic and Powershell scripting to automate software updates and to create Active Directory accounts
- Coordinated with faculty to gather requirements for computer purchases and handled inventory of equipment
- Interacted with over 100 department staff members and graduate students for technological support services

▸ PROJECTS

TWITTER CONTEST BOT · Python
- Locates contest tweets ('e.g. retweet to win'), parses them and then performs actions needed to enter the contest
- Programmed with Python 3.5 - Uses the Tweepy API wrapper to access the Twitter API
- Deployed in a Debian instance and has entered over 20,000 contests

AMAZON DEAL NOTIFIER · Python
- Parses selected Amazon product page to scrape price and seller changes
- Alerts user when selected product is being sold at a certain price or a certain seller
- Integrated with Twilio to allow the user to receive updates via text message

EARTHQUAKE WEBGL GLOBE · JavaScript, Python, HTML/CSS
- Utilized Google's 'WebGL Globe' Chrome Experiment to create a globe that showcases recent earthquakes
- Visualizes earthquakes in the past 24 hours, 7 days or 30 days (users can select which option)
- Developed a Python script that updates globe data every 24 hours

▸ OTHER WORK EXPERIENCE

UNIT SUPERVISOR   May 2011 to Feb 2016
Six Flags Great Adventure, Jackson NJ
- Directly managed a team of 20+ team members in a fast paced environment to ensure smooth park admission for guests
- Coordinated with other supervisors to ensure adequate staff levels at all times while overseeing and controlling labor costs
- Interacted directly with guests and team members to provide solutions to problems
- Drafted and submitted daily area reports to provide feedback for operating procedures