ALANA [uh-lay-na]
SUMIN KIM

Master of City Planning candidate at PennDesign connecting dots between **Digital Geographies & Community Economic Development.**

Highly experienced in **government or nonprofit client-based project environment**, *and passionate about honing skills in* **spatial analysis, data management and visualization** *to take part in building* **open and democratic data economy, inspire insights, and demonstrate smarter ways to build cities.**

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📞 267-226-9165

🖼 aakims.github.io/mapsandstories/

⚙ @aakims

in LinkedIn.com/in/aakims

SKILLS

GIS + SPATIAL ANALYSIS
• ArcGIS Desktop • R • GeoDa • QGIS

WEB DEVELOPMENT
• HTML + CSS + JavaScript • Git • Leaflet
• MapboxGL • D3

DATA MANAGEMENT + VISUALIZATION
• T - SQL • Pandas/Python • Jupyter
• Arduino • Processing
• Adobe Creative Suite

LANGUAGES
• English • Korean • Mandarin Chinese

EDUCATION

MASTER OF CITY PLANNING, *05/2018*

🔵 School of Design | Univ. of Pennsylvania
 + *Community Economic Development*
 + *Smart Cities*

BACHELOR OF ARTS, *Honors*

🟢 University of Washington, *'09 - '14*
 + *International Studies + Geography*
 + *Mary Gates Research Scholar*

🔴 Sichuan University, Study Abroad, *'11 - '12*

GIS + PLANNING CLIENT PROJECTS

🔵 **ARDUINO CODER + CIRCUITRY LEAD**

Illuminate: Malcom X Park Placemaking   *SPRING '17*
• *Engineered a Arduino-run prototype of a smart lighting system that responds to human activities at the park in real time* • *Programmed functionalities using C and movement/light sensors* • *Published in 2018 PennPlanning Panorama journal*

🔵 **GRAPHIC LEAD**

Studio: Sustainable Reading, PA | UPenn   *Spring '17*
• *Facilitated collaborative design process to strengthen graphic visualizations of the plan narrative* • *Designed layout templates and globally edited presentations, boards, and book formats with strong attention to detail* • *The Plan won 2017 APA John Pickett Memorial Scholarship*

🟢 **TEAM LEAD + GIS DATABASE BUILDER**

Undergrad GIS Capstone | UW   *Spring '14*
Client: UW Green Futures Research + Design Lab
• *Delivered a GIS database of feature datasets for the regional open space strategic plan, along with visualizations and scrupulously maintained metadata* • *Responded to the client's ask for data quality and integrity with rigorous data inventory control* • *Facilitated weekly meetings with the client to assess data need and report progress*

🟢🔴🟡 **SPATIAL RESEARCHER**

UW China Village Planning + Design Studio   *Summer '11 & '13*
Client: Fuzhou Provincial Gov. & Changsha Planning Dept.
• *Prepared master plans for rural villages outside Chengdu and presented them to the planning bureau* • *Trained participating local students on field survey and GPS data collection using Juno Trimble* • *Enriched analyses with manually collected spatial datasets to draft culturally sensible redevelopment master plans*

SELECT WORK EXPERIENCE

🔵 **POLICY SOLUTIONS INTERN**

Policy Solutions at The Reinvestment Fund   *May - Aug '18*
• *Obtained and processed datasets for 2018 Early Childhood Education Analytics updates* • *Demonstrated high motivation to learn Transact-SQL to further engage in research process* • *Successfully developed a query to streamline and expedite data validation process for Limited Supermarket Access update*

🟢 **MAP DATA + CONTENT TECH**

Point Inside, Inc.   *Aug '14 - Jun '15*
• *Created and updated digital indoor map contents, feeding to data delivery pipeline for shopping engagement app* • *Analyzed team productivity measures and fortified QA guidelines accordingly as tasked* • *Trained new hires on software usage, production, debugging, and QA/QC standards*

ASSOCIATIONS

Class Representative, Student Planning Association
Member, American Planning Association
Member - *in exile* Cascadian Users of Geospatial Open Source/ OpenStreetMapSeattle / MapTimeSeattle